

# Blender 3.4.1 cheat sheet

## Window

Ctrl + N	New file
Shift + Ctrl + O	Open recent
Ctrl + O	Open
Ctrl + S	Save Blender file
Shift + Ctrl + S	Save as
Ctrl + Q	Quit program
Q	Quick favorites
Shift + F1 or Shift + F2 or Shift + F3 or Shift + F4 or Shift + F5 or Shift + F6 or Shift + F7 or Shift + F8 or Shift + F9 or Shift + F10 or Shift + F11 or Shift + F12	Cycle Space Type Set
NDOFMenu	3D mouse settings
NDOFPlus or NDOFMinus or Shift + NDOFPlus or Shift + NDOFMinus	Context scale float
F1	View online manual
F2	Rename active item
Ctrl + F2	Batch rename
F3	Search menu
F4	File context menu
Alt + W	Fallback tool pie menu
Shift + Space	Toolbar

## Screen (global)

Ctrl + Tab or Shift + Ctrl + Tab	Cycle space context
Ctrl + Page Down or Ctrl + Page Up	Cycle workspace
Ctrl + Alt + Q	Toggle quad view
Shift + R	Repeat last
Enter or Num Enter	Execute File window
Ctrl + Z	Undo Catalog edits
Shift + Ctrl + Z	Redo Catalog edits

Ctrl + Z	Undo
Shift + Ctrl + Z	Redo
F12 or Ctrl + F12	Render
F11	Cancel render view
Ctrl + F11	Play rendered animation
Ctrl + Space or Ctrl + Alt + Space	Toggle maximize area
F9	Redo last

## Screen editing

Left click or Shift + Left click or Ctrl + Left click	Handle area action zones
ActionZoneArea	Split area
ActionZoneArea	Join area
Shift + ActionZoneArea	Duplicate area into new window
Ctrl + ActionZoneArea	Swap areas
ActionZoneRegion	Scale region size
ActionZoneFullScreen	Toggle maximize area
Left click	Move area edges
Right click	Area options

## Region context menu

Right click	Region context menu
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## View2D

Left click or Middle click	Scroller activate
Middle click or Shift + Middle click or Move the mouse	Pan view
Ctrl + Wheel down	Scroll right
Ctrl + Wheel up	Scroll left
Shift + Wheel down	Scroll down
Shift + Wheel up	Scroll up
NDOFMotion	NDOF pan/zoom
WheelOut	Zoom out

WheelIN	Zoom in
Num -	Zoom out
Num +	Zoom in
Ctrl + Move the mouse	Zoom 2D view
Wheel down	Scroll down
Wheel up	Scroll up
Wheel down	Scroll right
Wheel up	Scroll left
Ctrl + Middle click	Zoom 2D view
Shift + B	Zoom to border

## View2D buttons list

Left click or Middle click	Scroller activate
Middle click or Move the mouse	Pan view
Wheel down	Scroll down
Wheel up	Scroll up
Page Down	Scroll down
Page Up	Scroll up
Ctrl + Middle click or Move the mouse or Ctrl + Move the mouse	Zoom 2D view
Num -	Zoom out
Num +	Zoom in
Home	Reset view

## User interface

E	Eyedropper
E	Eyedropper colorband
Alt + E	Eyedropper colorband (points)
E	Eyedropper data-block
E	Eyedropper depth
Shift + Ctrl + C or Shift + Ctrl + Alt + C	Copy data path
I	Insert keyframe (buttons)
Alt + I	Delete keyframe (buttons)
Shift + Alt + I	Clear keyframe (buttons)

Ctrl + D	Add driver
Ctrl + Alt + D	Remove driver
K	Add to keying set
Alt + K	Remove from keying set
Backspace	Reset to default value
Ctrl + F	List filter

## 3D view (global)

Shift + Right click	Set 3D cursor
Shift + Right click	Move
Num / or /	Local view
Alt + Num / or Alt + /	Remove from local view
Middle click	Rotate view
Shift + Middle click or Shift + Move the mouse	Pan view
Ctrl + Middle click	Zoom view
Shift + Ctrl + Middle click	Dolly view
Ctrl + Num . or Num .	Frame selected
Ctrl + Move the mouse or Num + or Num - or Ctrl + = or Ctrl + - or WheelIN or WheelOut	Zoom view
Shift + Num + or Shift + Num - or Shift + Ctrl + = or Shift + Ctrl + -	Dolly view
Home	Frame camera bounds
Home	View lock center
Home or Ctrl + Home or Shift + C	Frame all
`	View
Shift + `	View navigation (walk/fly)
Num 0	View camera
Num 1	View axis
Num 2	View orbit
Num 3	View axis
Num 4	View orbit

Num 5	View perspective/orthographic
Num 6	View orbit
Num 7	View axis
Num 8	View orbit
Ctrl + Num 1 or Ctrl + Num 3 or Ctrl + Num 7	View axis
Ctrl + Num 2 or Ctrl + Num 4 or Ctrl + Num 6 or Ctrl + Num 8	Pan view direction
Shift + Num 4 or Shift + Num 6	View roll
Num 9	View orbit
Shift + Num 1 or Shift + Num 3 or Shift + Num 7 or Alt + Middle click	View axis
Alt + Middle click	Center view to mouse
NDOFMotion	NDOF orbit view with zoom
Ctrl + NDOFMotion	NDOF orbit view
Shift + NDOFMotion	NDOF pan view
Shift + Ctrl + NDOFMotion	NDOF transform view
NDOFFit	Frame selected
NDOFRollCW or NDOFRollCCW	View roll
NDOFFront or NDOFBack or NDOFLeft or NDOFRight or NDOFTop or NDOFBottom or Shift + NDOFFront or Shift + NDOFRight or Shift + NDOFTop	View axis
Left click	Select
Shift + Left click	Select (toggle)
Ctrl + Left click or Alt + Left click	Select
Shift + Ctrl + Left click	Select (toggle)

Ctrl + Alt + Left click	Select
Shift + Alt + Left click or Shift + Ctrl + Alt + Left click	Select (toggle)
B	Box select
Ctrl + Right click or Shift + Ctrl + Right click	Lasso select
C	Circle select
Alt + B	Clipping region
Shift + B	Zoom to border
Ctrl + B	Set render region
Ctrl + Alt + B	Clear render region
Ctrl + Alt + Num 0	Align camera to view
Ctrl + Num 0	Set active object as camera
Ctrl + C	Copy objects
Ctrl + V	Paste objects
Left click or G	Move
R	Rotate
S	Resize
Shift + Alt + S	To sphere
Shift + Ctrl + Alt + S	Shear
Shift + W	Bend
Ctrl + M	Mirror
Shift + T	Interactive light track to cursor
Ctrl + A	Skin resize
Shift + Tab	Context toggle
Shift + Ctrl + Tab	Snapping
Shift + S	Snap
Ctrl + `	Context toggle
.	Pivot point
,	Orientation
Z	Shading
Shift + Z	Toggle shading type
Alt + Z	Toggle x-ray
Shift + Alt + Z	Context toggle
W	Set tool by name

## Object mode (global)

Shift + O	Proportional editing falloff
O	Context toggle
A or Alt + A or Ctrl + I or A then A	(De)select all
Ctrl + Num +	Select more
Ctrl + Num -	Select less
Shift + L	Select linked
Shift + G	Select grouped
[ or Shift + [ or ] or Shift + ]	Select hierarchy
Ctrl + P	Make parent
Alt + P	Clear parent
Alt + G	Clear location
Alt + R	Clear rotation
Alt + S	Clear scale
X or Shift + X or Del or Shift + Del	Delete
Shift + A	Add
Ctrl + A	Apply
Ctrl + L	Link/Transfer data
Shift + D	Duplicate objects
Alt + D	Duplicate linked
Ctrl + J	Join
Ctrl + .	Context toggle
I	Insert keyframe menu
Alt + I	Delete keyframe
Shift + Ctrl + Alt + I	Set active keying set
Ctrl + G	Create new collection
Ctrl + Alt + G	Remove from collection
Shift + Ctrl + Alt + G	Remove from all collections
Shift + Ctrl + G	Add selected to active collection
Shift + Alt + G	Remove selected from active collection
Ctrl + 0 or Ctrl + 1 or Ctrl + 2 or Ctrl + 3 or Ctrl + 4 or Ctrl + 5	Subdivision set
M	Move to collection
Shift + M	Link to collection
Alt + H	Show hidden objects

H or Shift + H	Hide objects
Ctrl + H or 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 0 or Alt + 1 or Alt + 2 or Alt + 3 or Alt + 4 or Alt + 5 or Alt + 6 or Alt + 7 or Alt + 8 or Alt + 9 or Alt + 0 or Shift + 1 or Shift + 2 or Shift + 3 or Shift + 4 or Shift + 5 or Shift + 6 or Shift + 7 or Shift + 8 or Shift + 9 or Shift + 0 or Shift + Alt + 1 or Shift + Alt + 2 or Shift + Alt + 3 or Shift + Alt + 4 or Shift + Alt + 5 or Shift + Alt + 6 or Shift + Alt + 7 or Shift + Alt + 8 or Shift + Alt + 9 or Shift + Alt + 0	Hide collection
Right click or Context menu key	Open context menu

### 3D view tool: Tweak

Left click	Select
Shift + Left click	Select (toggle)

### 3D view tool: Tweak (fallback)

Left click	Select
Shift + Left click	Select (toggle)
Left click	Move

### 3D view tool: Select box

Left click or Shift + Left click or Ctrl + Left click or Shift + Ctrl + Left click	Box select
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### 3D view tool: Select circle

Left click	Circle select
Shift + Left click	Circle select (extend)
Ctrl + Left click	Circle select (deselect)

### 3D view tool: Select lasso

Left click or Shift + Left click or Ctrl + Left click or Shift + Ctrl + Left click	Lasso select
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### 3D view tool: Cursor

Left click	Set 3D cursor
Left click	Move
Left click or Left click	Move

### 3D view tool: Measure

Left click	Ruler add
X or Del	Ruler remove

### 3D view tool: Object, Add primitive

Shift + Ctrl + Left click	Add primitive object
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### Mesh (global)

Ctrl + R	Loop cut and Slide
Shift + Ctrl + R	Offset edge slide
I	Insert faces
Ctrl + B	Bevel
Alt + S	Shrink/Fatten
Shift + Ctrl + B	Bevel
1 or 2 or 3 or Shift + 1 or Shift + 2 or Shift + 3 or Ctrl + 1 or Ctrl + 2 or Ctrl + 3 or Shift + Ctrl + 1 or Shift + Ctrl + 2 or Shift + Ctrl + 3	Select mode
Alt + Left click or Shift + Alt + Left click	Loop select

Ctrl + Alt + Left click or Shift + Ctrl + Alt + Left click	Edge ring select
Ctrl + Left click or Shift + Ctrl + Left click	Pick shortest path
A or Alt + A or Ctrl + I or A then A	(De)select all
Num +	Select more
Num -	Select less
Shift + Ctrl + Num +	Select next element
Shift + Ctrl + Num -	Select previous element
Ctrl + L	Select linked all
L or Shift + L	Select linked
Shift + Ctrl + M	Select mirror
Shift + G	Select similar
Alt + H	Reveal hidden
H or Shift + H	Hide selected
Shift + N or Shift + Ctrl + N	Recalculate normals
E	Extrude and move on normals
Alt + E	Extrude
Shift + E	Edge crease
Alt + F	Fill
Ctrl + T or Shift + Ctrl + T	Triangulate faces
Alt + J	Tris to quads
V or Alt + V	Rip
Alt + D	Extend vertices
M	Merge
Alt + M	Split
F	Make edge/face
Shift + D	Add duplicate
Shift + A	Mesh
P	Separate
Y	Split
J	Vertex connect path
Alt + L	Point normals to target
Shift + V	Vertex slide
Ctrl + Right click	Extrude cursor or add

or Shift + Ctrl + Right click	
X or Del	Delete
Ctrl + X or Ctrl + Del	Dissolve selection
K or Shift + K	Knife topology tool
Ctrl + P	Make vertex parent
Ctrl + F	Face
Ctrl + E	Edge
Ctrl + V	Vertex
Ctrl + H	Hooks
U	UV mapping
Ctrl + G	Vertex groups
Alt + N	Normals
Ctrl + Alt + G	Remove from vertex group
Shift + O	Proportional editing falloff
O or Alt + O	Context toggle
Right click or Context menu key	Call menu

## Curve (global)

Shift + A	Add
V	Set handle type
Ctrl + Right click	Extrude to cursor to add
A or Alt + A or Ctrl + I or A then A	(De)select all
Shift + R	Select control point row
Ctrl + Num +	Select more
Ctrl + Num -	Select less
Ctrl + L	Select linked all
Shift + G	Select similar
L or Shift + L	Select linked
Ctrl + Left click	Pick shortest path
P	Separate
Y	Split
E	Extrude curve and move
Shift + D	Add duplicate
F	Make segment
Alt + C	Toggle Cyclic
X or Del	Delete

Ctrl + X or Ctrl + Del	Dissolve vertices
Alt + T	Clear tilt
Ctrl + T	Tilt
Alt + S	Transform
Alt + H	Reveal hidden
H or Shift + H	Hide selected
Shift + N	Recalculate handles
Ctrl + P	Make vertex parent
Ctrl + H	Hooks
Shift + O	Proportional editing falloff
O or Alt + O	Context toggle
Right click or Context menu key	Curve context menu

## Armature (global)

Alt + H	Reveal hidden
H or Shift + H	Hide selected
Ctrl + Alt + A	Align bones
Shift + N	Recalculate roll
Alt + R	Clear roll
Alt + F	Switch direction
Shift + A	Add bone
Ctrl + P	Make parent
Alt + P	Clear parent
A or Alt + A or Ctrl + I or A then A	(De)select all
Shift + Ctrl + M	Select mirror
[ or Shift + [ or ] or Shift + ]	Select hierarchy
Ctrl + Num +	Select more
Ctrl + Num -	Select less
Shift + G	Select similar
L or Shift + L or Ctrl + L	Select linked
Ctrl + Left click	Pick shortest path
X or Del	Delete
Shift + D	Duplicate
Ctrl + X or Ctrl + Del	Dissolve selected bones
E	Extrude

Shift + E	Extrude forked
Ctrl + Right click	Extrude to cursor
F	Fill between joints
Y	Split
P	Separate bones
Shift + W	Toggle bone options
Shift + Ctrl + W	Enable bone options
Alt + W	Disable bone options
Ctrl + `	Show all layers
Shift + M	Change armature layers
M	Change bone layers
Ctrl + Alt + S	Scale b-bone
Alt + S or Ctrl + R	Transform
Right click or Context menu key	Armature context menu

## Metaball (global)

Shift + A	Add metaball
Alt + H	Reveal hidden
H or Shift + H	Hide selected
X or Del	Delete
Shift + D	Duplicate
A or Alt + A or Ctrl + I or A then A	(De)select all
Shift + G	Select similar
Shift + O	Proportional editing falloff
O or Alt + O	Context toggle
Right click or Context menu key	Metaball context menu

## Lattice (global)

A or Alt + A or Ctrl + I or A then A	(De)select all
Num +	Select more
Num -	Select less
Ctrl + P	Make vertex parent
Alt + F	Flip (distortion free)
Ctrl + H	Hooks
Shift + O	Proportional editing falloff
O	Context toggle

Right click or Context menu key	Lattice context menu
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## Font (global)

Ctrl + B or Ctrl + I or Ctrl + U or Ctrl + P	Toggle style
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Del or Ctrl + Del or Backspace or Shift + Backspace or Ctrl + Backspace	Delete
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Home or End or Left or Right or Ctrl + Left or Ctrl + Right or Up or Down or Page Up or Page Down	Move cursor
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Shift + Home or Shift + End or Shift + Left or Shift + Right or Shift + Ctrl + Left or Shift + Ctrl + Right or Shift + Up or Shift + Down or Shift + Page Up or Shift + Page Down	Move select
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Alt + Left arrow or Alt + Right arrow	Change spacing
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Alt + Up arrow or Alt + Down arrow	Change character
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Ctrl + A	Select all
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Ctrl + C	Copy text
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Ctrl + X	Cut text
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Ctrl + V	Paste text
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Enter	Line break
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Alt + Backspace	Insert text
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Right click or Context menu key	Text context menu
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## Pose (global)

Ctrl + P	Make parent
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Alt + H	Reveal selected
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H or Shift + H	Hide selected
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Ctrl + A	Apply
Alt + R	Clear pose rotation
Alt + G	Clear pose location
Alt + S	Clear pose scale
Alt + F	Flip quats
Ctrl + R	Set rotation mode
Ctrl + C	Copy pose
Ctrl + V	Paste pose
Shift + Ctrl + V or A or Alt + A or Ctrl + I or A then A	(De)select all
Shift + P	Select parent bone
[ or Shift + [ or ] or Shift + ]	Select hierarchy
Ctrl + L or L	Select connected
Shift + G	Select grouped
Shift + Ctrl + M	Select mirror
Shift + Ctrl + C	Add constraint (with targets)
Ctrl + Alt + C	Clear pose constraints
Shift + I	Add IK to bone
Ctrl + Alt + I	Remove IK
Ctrl + G	Bone groups
Shift + W	Toggle bone options
Shift + Ctrl + W	Enable bone options
Alt + W	Disable bone options
Ctrl + `	Show all layers
Shift + M	Change armature layers
M	Change bone layers
Ctrl + Alt + S	Scale b-bone
I	Insert keyframe menu
Alt + I	Delete keyframe
Shift + Ctrl + Alt + I	Set active keying set
Ctrl + E	Push pose from breakdown
Alt + E	Relax pose to breakdown
Shift + E	Pose breakdowner
Shift + Alt + E	Blend to neighbor
Alt + P	Propagate
1 or 2 or 3 or 4 or 5 or 5 or 6 or 7 or 8 or 9 or 0 or Alt +	Hide collection

1 or Alt + 2 or Alt +  
3 or Alt + 4 or Alt +  
5 or Alt + 6 or Alt +  
7 or Alt + 8 or Alt +  
9 or Alt + 0 or Shift  
+ 1 or Shift + 2 or  
Shift + 3 or Shift +  
4 or Shift + 5 or  
Shift + 6 or Shift +  
7 or Shift + 8 or  
Shift + 9 or Shift +  
0 or Shift + Alt + 1  
or Shift + Alt + 2 or  
Shift + Alt + 3 or  
Shift + Alt + 4 or  
Shift + Alt + 5 or  
Shift + Alt + 6 or  
Shift + Alt + 7 or  
Shift + Alt + 8 or  
Shift + Alt + 9 or  
Shift + Alt + 0

Right click or Context menu key	Pose context menu
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## Vertex paint (global)

Left click or Ctrl + Left click	Vertex paint
X	Swap colors
S	Sample color
Shift + K	Set vertex colors
[ or ]	Scale sculpt/Paint brush size
F or Shift + F or Ctrl + F	Radial control
Right click or Shift + Right click or Ctrl + Right click or Alt + Right click or Shift + Alt + Right click or Ctrl + Alt + Right click	Stencil brush control
M	Context toggle
Shift + S or R	Angle control
E	Context enum menu
Alt + H	Reveal faces/Vertices
Right click or Context menu key	Vertex paint context menu



V	Context toggle
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## Weight paint (global)

Left click	Weight paint
Ctrl + Right click	Weight paint sample weight
Shift + Right click	Weight paint sample group
Alt + Left click or Ctrl + Alt + Left click	Weight gradient
Shift + K	Set weight
[ or ]	Scale sculpt/Paint brush size
F or Shift + F or Ctrl + F	Radial control
E	Context enum menu
M or V or Shift + S	Context toggle
K	Vertex group locks
Alt + H	Reveal faces/Vertices
Right click or Context menu key	Weights context menu
Ctrl + Left click	Select

## Paint vertex selection (weight, vertex)

A or Alt + A or Ctrl + I or A then A	(De)select all
Alt + H	Reveal faces/vertices
H or Shift + H	Vertex select hide
B	Box select
Ctrl + Right click or Shift + Ctrl + Right click	Lasso select
C	Circle select

## Paint face mask (weight, vertex, texture)

A or Alt + A or Ctrl + I or A then A	(De)select all
Alt + H	Reveal faces/vertices
H or Shift + H	Face select hide
Ctrl + L	Select linked
L or Shift + L	Select linked pick

## Image paint (global)

Left click or Ctrl + Left click	Image paint
X	Swap colors
Right click	Grab clone
S	Sample color
[ or ]	Scale sculpt/Paint brush size
F or Shift + F or Ctrl + F or Ctrl + Alt + F	Radial control
Right click or Shift + Right click or Ctrl + Right click or Alt + Right click or Shift + Alt + Right click or Ctrl + Alt + Right click	Stencil brush control
M or Shift + S	Context toggle
R	Angle control
E	Context enum menu
Right click or Context menu key	Texture paint context menu

## Sculpt (global)

Left click or Ctrl + Left click or Shift + Left click	Sculpt
Shift + A or Shift + Alt + A or Shift + W or Shift + Alt + W	Expand
H or Shift + H	Face sets visibility
Alt + H	Reveal all
Ctrl + W or Ctrl + Alt + W	Edit face set
Ctrl + 0 or Ctrl + 1 or Ctrl + 2 or Ctrl + 3 or Ctrl + 4 or Ctrl + 5 or Page Up or Page Down	Subdivision set
Alt + M or Ctrl + I	Mask flood fill
B	Mask box gesture
Shift + Ctrl + Left	Mask lasso gesture

click	
Ctrl + M	Context toggle
Ctrl + D	Dynamic topology toggle
Shift + Alt + D	Set detail size
Ctrl + R	Voxel remesh
Shift + R	Edit voxel size
Ctrl + Alt + R	QuadriFlow remesh
S	Sample color
[ or ]	Scale sculpt/paint brush size
F or Shift + F or Ctrl + F	Radial controls
Right click or Shift + Right click or Ctrl + Right click or Alt + Right click or Shift + Alt + Right click or Ctrl + Alt + Right click	Stencil brush control
X or Shift + S or P or I or G or L or Shift + T or C or Shift + C or K or M	Brush select
E	Context enum menu
Shift + S	Context toggle
R	Angle control
A	Mask edit
Alt + A	Automasking
W	Face sets edit
Right click or Context menu key	Sculpt context menu

## Sculpt curves

Left click or Ctrl + Left click or Shift + Left click	Stroke curves sculpt
1 or 2	Set select mode
Alt + 1 or Alt + 2	Disable selection
F or Shift + F	Radial control
A or Alt + A or Ctrl + I or A then A	(De)select all
Shift + R	Edit minimum distance
Shift + A	Select grow

## Particle (global)

A or Alt + A or Ctrl + I or A then A	(De)select all
Num +	Select more
Num - or L	Select less
Shift + L	Select linked
Ctrl + L	Select linked all
X or Del or Alt + H	Delete
H or Shift + H	Hide selected
Left click or Shift + Left click	Brush edit
F or Shift + F	Radial control
Shift + K	Weight set
1 or 2 or 3	Context set enum
Shift + O	Proportional editing falloff
O	Context toggle
Right click or Context menu key	Particle context menu

## Knife tool modal map

Esc	Cancel
Middle click	Panning
Double click	Add cut closed
Left click	Add cut
Ctrl + Z	Undo
Enter or Num Enter or Space	Confirm
Right click	End current cut
Left Shift	Snap to midpoints on
Left Shift	Snap to midpoints off
Right Shift	Snap to midpoints on
Right Shift	Snap to midpoints off
Left Ctrl	Ignore snapping on
Left Ctrl	Ignore snapping off
Right Ctrl	Ignore snapping on
Right Ctrl	Ignore snapping off
X	X axis locking
Y	Y axis locking
Z	Z axis locking
A	Toggle angle snapping

R	Cycle angle snapping relative angle
C	Toggle cut through
S	Toggle distance and angle measurements
V	Toggle depth testing

## Custom normals modal map

Esc or Right click	Cancel
Enter or Num Enter or Left click	Confirm
R	Reset
I	Invert
S	Spherize
A	Align
M	Use mouse
L	Use pivot
O	Use object
Ctrl + Left click	Set and use 3D cursor
Ctrl + Right click	Select and use mesh item

## Bevel modal map

Esc or Right click	Cancel
Enter or Num Enter or Left click	Confirm
A	Change offset
P	Change profile
S	Change segments
Wheel up or Num +	Increase segments
Wheel down or Num -	Decrease segments
M	Change offset mode
C	Toggle clamp overlap
V	Change affect type
H	Toggle harden normals
U	Toggle mark seam
K	Toggle mark sharp
O	Change outer miter
I	Change inner miter
Z	Cycle through profile types

N	Change intersection method
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## Paint stroke modal

Esc	Cancel
Esc or Esc or Right click	Cancel
Left click	Confirm
F	Invert
E	Toggle preserve state
G	Toggle gradient
R	Geodesic recursion step
Alt + R	Topology recursion step
Space	Move origin
1	Geodesic falloff
2	Topology falloff
3	Diagonals falloff
4	Spherical falloff
Left Ctrl or Right Ctrl	Snap expand to face sets
W	Loop count increase
Q	Loop count decrease
B	Toggle brush gradient
Y	Texture distortion increase
T	Texture distortion decrease

## Paint curve

Ctrl + Right click	Add curve point and slide
Left click or Shift + Left click or A	Select paint curve point
Right click or Shift + Right click	Slide paint curve point
Shift + Ctrl + Right click	Place cursor
X or Del	Remove paint curve point
Enter or Num Enter	Draw curve
G or Left click	Move
R	Rotate
S	Resize

## Curve pen modal map

Left Shift	Free-align toggle
Left Ctrl	Move adjacent handle
Space	Move entire point
Left Alt	Lock angle
Right Ctrl	Link handles

## Object non-modal

Alt + Q	Transfer mode
Tab	Set object mode
Ctrl + Tab	Object mode menu

## View 3D placement modal

Left Alt	Center pivot on
Left Alt	Center pivot off
Right Alt	Center pivot on
Right Alt	Center pivot off
Left Shift	Fixed aspect on
Left Shift	Fixed aspect off
Right Shift	Fixed aspect on
Right Shift	Fixed aspect off
Left Ctrl	Snap on
Left Ctrl	Snap off
Right Ctrl	Snap on
Right Ctrl	Snap off

## View 3D walk modal

Right click or Esc	Cancel
Left click or Enter or Num Enter	Confirm
Left Shift	Fast
Left Shift	Fast (off)
Right Shift	Fast
Right Shift	Fast (off)
Left Alt	Slow
Left Alt	Slow (off)
Right Alt	Slow
Right Alt	Slow (off)
W/A/S/D or Arrow keys	Direction keys
E	Up

Q	down
W/A/S/D or Arrow keys	Stop move direction keys
E	Stop move up
Q	Stop move down
Tab or G	Toggle gravity
V	Jump
V	Jump (off)
Space or Middle click	Teleport
Num + or Wheel up	Accelerate
Num - or Wheel down	Decelerate
Z	Z axis correction

## View3D fly modal

Right click or Esc	Cancel
Left click or Enter or Space or Num Enter	Confirm
Num + or Wheel up	Accelerate
Num - or Wheel down	Decelerate
Move the mouse	Confirm
Middle click	Pan
Middle click	Pan (off)
W/A/S/D or Arrow keys	Direction keys
E	Up
Q	down
R	up
F	down
X	X axis correction
Z	Z axis correction
Left Alt	Precision
Left Alt	Precision (off)
Right Alt	Precision
Right Alt	Precision (off)
Left Shift	Precision

Left Shift	Precision (off)
Left Ctrl	Rotation
Left Ctrl	Rotation (off)
Right Ctrl	Rotation
Right Ctrl	Rotation (off)

## View3D rotate model

Middle click or Esc	Confirm
Left Alt or Right Alt	Axis snap

## View3D move/zoom/dolly modal

Middle click or Esc	Confirm
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## 3D view generic

T or N	Context toggle
T or N or Ctrl + H	Context toggle
Left click or Alt + Left click or Shift + Left click or Shift + Alt + Left click or Ctrl + Alt + Left click or Shift + Ctrl + Alt + Left click	Select keyframes
Ctrl + Left click or Shift + Ctrl + Left click or [ or ]	Select left/right
A or Alt + A or Ctrl + I or A then A	Select all
B or Alt + B or Left click or Shift + Left click or Ctrl + Left click	Box select
Ctrl + Right click or Shift + Ctrl + Right click	Lasso select
C	Circle select
K or Ctrl + K or Shift + K or Alt + K	Select all
Ctrl + Num +	Select more
Ctrl + Num -	Select less
L	Select linked
Ctrl + G	Jump to keyframes
Shift + S	Snap

Ctrl + M	Mirror keys
V	Set keyframe handle type
T	Set keyframe interpolation
Ctrl + E	Set keyframe easing type
Alt + O	Smooth keys
Shift + Alt + O	Sample keyframes
Alt + C	Bake curve
X	Delete
Del	Delete keyframes
Shift + D	Duplicate
I	Insert keyframes
Ctrl + Right click or Shift + Ctrl + Right click	Click-insert keyframes
Ctrl + C	Copy keyframes
Ctrl + V or Shift + Ctrl + V	Paste keyframes
Ctrl + Alt + P	Set preview range to selected
Home or NDOFFit	Frame all
Num .	Frame selected
Num 0	Go to current frame
`	View
Shift + Ctrl + M	Add f-curve modifier
Tab	Toggle channel editability
G or Left click	Move
E	Transform
R or S	Rotate
Shift + O	Proportional editing falloff
O	Context toggle
M	Add time marker
Right click or Context menu key	F-Curve context menu
.	Pivot point
Shift + Right click	Set cursor

## Graph editor generic

N	Context toggle
Shift + E	Set f-curve extrapolation
Ctrl + F	Filter channels
Alt + H	Reveal curves

H or Shift + H	Hide curves
Ctrl + Tab	Context set enum

## Dopesheet (global)

Left click or Alt + Left click or Shift + Left click or Shift + Alt + Left click or Ctrl + Alt + Left click or Shift + Ctrl + Left click or [ or ]	Select keyframes
Ctrl + Left click or Shift + Ctrl + Left click or [ or ]	Select left/right
A or Alt + A or Ctrl + I or A then A	Select all
B or Alt + B or Left click or Shift + Left click or Ctrl + Left click	Box select
Ctrl + Right click or Shift + Ctrl + Right click	Lasso select
C	Circle select
K or Ctrl + K or Ctrl + K or Shift + K or Alt + K	Select all
Ctrl + Num +	Select more
Ctrl + Num -	Select less
L	Select linked
Ctrl + G	Jump to keyframes
Shift + S	Snap
Ctrl + M	Mirror keys
V	Set keyframe handle type
T	Set keyframe interpolation
Shift + E	Set f-curve extrapolation
Ctrl + E	Set keyframe easing type
R	Set keyframe type
Shift + Alt + O	Sample keyframes
X	Delete
Del	Delete keyframes
Shift + D	Duplicate
I	Insert keyframes

Ctrl + C	Copy keyframes
Ctrl + V or Shift + Ctrl + V	Paste keyframes
Ctrl + Alt + P	Set preview range to selected
Home or NDOFFit	Frame all
Num .	Frame selected
Num 0	Go to current frame
`	View
Tab	Toggle channel editability
Ctrl + F	Filter channels
G or Left click or E or S or Shift + T	Transform
Shift + O	Proportional editing falloff
O	Context toggle
M	Add time marker
Ctrl + B	Bind camera to markers
Right click or Context menu key	Dope sheet context menu
Shift + Right click	Change frame

## Dopesheet generic

N	Context toggle
Ctrl + Tab	Context set enum
Shift + E	Set f-curve extrapolation

## NLA editor (global)

Left click or Shift + Left click	Select
Ctrl + Left click or Shift + Ctrl + Left click or [ or ]	Select left/right
A or Alt + A or Ctrl + I or A then A	(De)select all
B or Alt + B or Left click or Shift + Left click or Ctrl + Left click	Box select
Ctrl + Alt + P	Set preview range to selected
Home or NDOFFit	Frame all
Num .	Frame selected
Num 0	Go to current frame
`	View

Shift + A	Add action strip
Shift + T	Add transition
Shift + K	Add sound clip
Ctrl + G	Add meta-strips
Ctrl + Alt + G	Remove meta-strips
Shift + D	Duplicate
Alt + D	Duplicate linked
U	Make single user
X or Del	Delete strips
Y	Split strips
H	Toggle muting
Alt + F	Swap strips
Page Up	Move strips up
Page Down	Move strips down
Ctrl + A	Apply scale
Alt + S	Clear scale
Shift + S	Snap
Shift + Ctrl + M	Add f-modifier
G or Left click or E or S	Transform
M	Add time marker
Right click or Context menu key	NLA context menu
Shift + Right click	Change frame

## NLA channels

Left click or Shift + Left click	Mouse click on NLA channels
Shift + A or Shift + Ctrl + A	Add tracks
X or Del	Delete tracks
Right click or Context menu key	NLA channel context menu

## NLA generic

N	Context toggle
Tab or Shift + Tab	Enter tweak mode
Tab or Shift + Tab	Exit tweak mode
Ctrl + F	Filter channels

## Image (global)

Home or Shift + Home	Frame all
Num .	View center
Shift + C	Cursor to center view
midDelclick or Shift + Middle click or Move the mouse	Pan view
NDOFFit	Frame all
NDOFMotion	NDOF pan/zoom
WheelIN	Zoom in
WheelOut	Zoom out
Num +	Zoom in
Num -	Zoom out
Ctrl + Middle click or Move the mouse or Ctrl + Move the mouse	Zoom view
Shift + B	Zoom to border
Ctrl + Num 8 or Ctrl + Num 4 or Ctrl + Num 2 or Ctrl + Num 8 or Ctrl + Num 4 or Ctrl + Num 2 or Num 1 or Num 2 or Num 4 or Num 8	View zoom ratio
Left click	Change frame
Right click	Sample color
Ctrl + Right click or Shift + Right click	Set curves point
Tab	Set object mode
1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	Context set
Ctrl + B	Render region
Ctrl + Alt + B	Clear render region
Ctrl + `	Context toggle
Right click or Context menu key	Mask context menu

.	Pivot point
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## UV editor (global)

Ctrl + Tab or 1 or 2 or 3 or 4	UV select mode
1 or 2 or 3 or Shift + 1 or Shift + 2 or Shift + 3 or Ctrl + 1 or Ctrl + 2 or Ctrl + 3 or Shift + Ctrl + 1 or Shift + Ctrl + 2 or Shift + Ctrl + 3 or 4	Select mode
Left click	Select
Shift + Left click	Select (toggle)
Ctrl + E	Mark seam
Alt + Left click or Shift + Alt + Left click	Loop select
Ctrl + Alt + Left click or Shift + Ctrl + Alt + Left click	Edge ring select
Ctrl + Left click or Shift + Ctrl + Left click	Pick shortest path
Y	Select split
B or Ctrl + B	Box select
C	Circle select
Ctrl + Right click or Shift + Ctrl + Right click	Lasso select UV
Ctrl + L	Select linked
L or Shift + L	Select linked pick
Ctrl + Num +	Select more
Ctrl + Num -	Select less
Shift + G	Select similar
A or Alt + A or Ctrl + I or A then A	(De)select all
Alt + H	Reveal hidden
H or Shift + H	Hide selected
Shift + P	Selected pinned
M	Merge
Alt + M	Split

Shift + W	Align
Alt + V	Stitch
V	UV rip more
P or Alt + P	Pin
U	Unwrap
Shift + S	Snap
Shift + O	Proportional editing falloff
O	Context toggle
Left click or G	Move
R	Rotate
S	Resize
Shift + Ctrl + Alt + S	Shear
Ctrl + M	Mirror
Shift + Tab or Ctrl	Context toggle
Shift + Ctrl + Tab	Context enum menu
Right click or Context menu key	UV context menu
Shift + Right click	Set 2D cursor
Shift + Right click	Move
W	Set tool by name

## Image paint (global)

Left click or Ctrl + Left click	Image paint
X	Swap colors
Right click	Grab clone
S	Sample color
[ or ]	Scale sculpt/paint brush size
F or Shift + F or Ctrl + F or Ctrl + Alt + F	Radial control
Right click or Shift + Right click or Ctrl + Right click or Alt + Right click or Shift + Alt + Right click or Ctrl + Alt + Right click	Stencil brush control
M or Shift + S	Context toggle
R	Angle control
E	Context enum menu



Right click or Context menu key	Texture paint context menu
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## Image generic

T or N	Context toggle
Alt + N	New image
Alt + O	Open image
Alt + R	Reload image
Ctrl + R	Open cached render
Alt + S	Save image
J or Alt + J	Cycle render slot
`	View
Shift + Alt + S	Save as image

## Outliner

Move the mouse	Update highlight
Double click or F2	Rename
Left click or Ctrl + Left click or Shift + Left click or Shift + Ctrl + Left click	Select
B or Left click or Shift + Left click or Ctrl + Left click	Box select
Arrow keys or Shift + Arrow keys	Walk select
Left click or Shift + Left click	Open/Close
Home	Show hierarchy
. or Num .	Show active
Page Up / Down	Scroll page
Num + or Num -	Show/hide one level
A or Alt + A or Ctrl + I or A then A	Toggle selected
Shift + A	Expand/Collapse all
K	Keying set add selected
Alt + K	Keying set remove selected
I	Insert keyframe
Alt + I	Delete keying set keyframe
Ctrl + D	Add drivers for selected
Ctrl + Alt + D	Delete drivers for selected

C	New collection
X or Del	Delete
M	Move to collection
Shift + M	Link to collection
E	Disable from view layer
Alt + E	Enable in view layer
H	Hide
Alt + H	Unhide all
Ctrl + C	Outliner ID data copy
Ctrl + V	Outliner ID data paste

## Node editor (global)

Left click or Ctrl + Left click or Alt + Left click or Ctrl + Alt + Left click	Select
Shift + Left click or Shift + Ctrl + Left click or Shift + Alt + Left click or Shift + Ctrl + Alt + Left click	Select (toggle)
Left click	Box select
Ctrl + Alt + Left click or Shift + Ctrl + Alt + Left click	Lasso select
B	Box select
C	Circle select
Left click or Ctrl + Left click	Link nodes
Left click	Resize nodes
Shift + Right click	Add reroute
Ctrl + Right click	Cut links
Ctrl + Alt + Right click	Mute links
Shift + Ctrl + Left click	Link viewer
Alt + Middle click	Background image move
V or Alt + V	Background image zoom
Alt + Home	Background image fit
Alt + Right click	Backimage sample
F or Shift + F	Make links

Shift + A	Add
Shift + D	Duplicate
Alt + D	Duplicate linked
Shift + Ctrl + D	Duplicate
Ctrl + P	Make parent
Alt + P	Detach nodes
Ctrl + J	Join nodes
H	Hide
M	Toggle node mute
Shift + H	Toggle node preview
Ctrl + H	Toggle hidden node sockets
Home or NDOFFit	Frame all
`	Frame selected
X or Del	Delete
Ctrl + X or Ctrl + Del	Delete with reconnect
A or Alt + A or Ctrl + I or A then A	De(select) all
Shift + L	Select linked to
L	Select linked from
Shift + G or Shift + Ctrl + G	Select grouped
Shift + ] or Shift + [	Activate same type next/prev
Ctrl + F	Find node
Ctrl + G	Make group
Ctrl + Alt + G	Ungroup
P	Separate
Tab or Ctrl + Tab	Edit group
Ctrl + R	Read view layers
Z	Render changed layer
Ctrl + C	Copy to clipboard
Ctrl + V	Paste from clipboard
Ctrl + B	Viewer region
Ctrl + Alt + B	Clear viewer region
G or Left click	Move and attach
G or Left click	Move
R	Rotate
S	Resize
Alt + Right click or Alt + Left click	Detach

Shift + Tab or Shift + Alt + Z	Context toggle
Shift + Ctrl + Tab	Context enum menu
Right click or Context menu key	Node context menu

## Node generic

T or N	Context toggle
T or N or T or N or Shift + O	Context toggle
Ctrl + Tab	Context toggle values
Ctrl + R	Refresh sequencer
W	Set tool by name

## Sequencer (global)

A or Alt + A or Ctrl + I or A then A	(De)select all
K or Shift + K	Split strips
H or Shift + H	Mute strips
Alt + H or Shift + Alt + H	Unmute strips
Ctrl + H	Lock strips
Ctrl + Alt + H	Unlock strips
R	Reassign inputs
Alt + R or Shift + Alt + R	Reload strips
Alt + O	Clear strip offset
Shift + D	Duplicate strips
X or Del	Erase strips
Ctrl + C	Copy
Ctrl + V or Shift + Ctrl + V	Paste
Y	Separate images
Tab	Toggle meta strip
Ctrl + G	Make meta strip
Ctrl + Alt + G	UnMeta strip
Home or NDOFFit	Frame all
Num .	Frame selected
Num 0	Go to current frame
Page Up / Down or Alt + Page Up /	Jump to strip

Down	
Alt + Left arrow / Right arrow	Swap strip
Backspace or Shift + Backspace	Remove gaps
Shift + =	Insert gaps
Shift + S	Snap strips to the current view
Alt + S	Swap inputs
[0 - 9]	Split multicam
Left click	Select
Shift + Left click	Select (toggle)
Alt + Left click	Select
Shift + Alt + Left click	Select (extend)
Ctrl + Left click	Select
Shift + Ctrl + Left click	Select (extend)
Ctrl + Num +	Select more
Ctrl + Num -	Select less
L or Shift + L	Select pick linked
Ctrl + L	Select linked
Left click or Shift + Left click or Ctrl + Left click or B or Ctrl + B	Box select
Shift + G	Select grouped
Shift + A	Add
C	Change
`	View
S	Slip strips
O	Context set
G or Left click	Sequence slide
E	Transform
M	Add time marker
[ or ]	Select side of frame
Shift + Tab	Context toggle
Right click or Context menu key	Sequencer context menu

## Sequencer tool: Tweak

Left click	Select
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Shift + Left click    Select (toggle)

Shift + Right click    Change frame

## SequencerPreview (global)

Left click    Select

Shift + Left click    Select (toggle)

Ctrl + Left click    Select

Shift + Ctrl + Left click    Select (toggle)

A or Alt + A or Ctrl + I or A then A    (De)select all

B    Box select

Num .    Frame selected

Home or NDOFFit    Frame all

O    Border offset view

Num 8 or Num 4 or Num 2 or Num 1 or Num 2 or Num 4 or Num 8

`    View

Left click or G    Move

R    Rotate

S    Resize

Alt + G or Alt + S or Alt + R    Clear strip transform

X or Del    Erase strips

Right click or Context menu key    Sequencer preview context menu

Ctrl + `    Context toggle

.    Pivot point

Shift + Alt + Z    Context toggle

Shift + Right click    Set 2D cursor

Shift + Right click    Move

## File browser (global)

T or N    Context toggle

Alt + Up arrow    Parent file

Alt + Left arrow / Right arrow    Previous/next folder

R    Refresh file list

R    Refresh asset library

P	Parent file
Backspace	Previous file
Shift + Backspace	Previous folder
H	Context toggle
I	Create new directory
F2	Rename file or directory
X or Del	Delete selected files
Ctrl + B	Add bookmark
Ctrl + F	Filter
Ctrl + L	Edit directory path
Num + or Shift + Num + or Ctrl + Num + or Num - or Shift + Num - or Ctrl + Num -	Increment number in filename
`	View
Right click	Select
Right click or Context menu key	Files context menu

## File browser main

Double click	Apply pose asset
Double click	Select
Double click	Execute file
Left click or Ctrl + Left click or Shift + Left click	Select
Up arrow or Shift + Up arrow or Shift + Ctrl + Up arrow or Down arrow or Shift + Down arrow or Shift + Ctrl + Down arrow or Left arrow or Shift + Left arrow or Shift + Ctrl + Left arrow or Right arrow or Shift + Right arrow or Shift + Ctrl + Right arrow	Walk select/deselect file
mousebutton4	Previous folder

mousebutton5	Next folder
A or Alt + A or Ctrl + I or A then A	(De)select all files
B or Left click or Shift + Left click or Ctrl + Left click	Box select
Move the mouse	Highlight file
Left click	Sort from column
Num .	Frame selected
Right click or Context menu key	Assets context menu

## File browser buttons

Num + or Shift + Num + or Ctrl + Num + or Num - or Shift + Num - or Ctrl + Num -	Increment number in filename
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## Info

Left click or Shift + Left click	Select report
Left click	Box select
A or Alt + A or Ctrl + I or A then A	(De)select all
B	Box select
R	Replay operators
X or Del	Delete reports
Ctrl + C	Copy reports to clipboard
Right click or Context menu key	Info context menu

## Property editor

Right click	Context menu
Ctrl + Wheel up or Ctrl + Wheel down	Cycle space context
Ctrl + F	Filter
Alt + F	Clear filter
Left click	Set active modifier
X or Del	Remove modifier
Shift + D	Copy modifier
Ctrl + A	Apply modifier

X or Del	Remove grease pencil modifier
Shift + D	Copy modifier
Ctrl + A	Apply modifier
X or Del	Remove grease pencil effect
Shift + D	Copy effect
X or Del	Delete constraint
Shift + D	Duplicate constraint
Ctrl + A	Apply constraint

## Text (global)

Ctrl + Wheel up and wheel down or Ctrl + Num + or Ctrl + Num -	Context int cycle
Alt + N	New text
Alt + O	Open text
Alt + R	Reload
Alt + S	Save
Shift + Ctrl + Alt + S	Save as
Alt + P	Run script
Ctrl + X or Shift + Del	Cut
Ctrl + C or Ctrl + Insert	Copy
Ctrl + V or Shift + Insert	Paste
Ctrl + D	Duplicate line
Ctrl + A	Select all
Shift + Ctrl + A	Select line
Double click	Select word
Shift + Ctrl + Up arrow / Down arrow	Move lines
Tab	Indent or autocomplete
Shift + Tab	Unindent
Ctrl + /	Toggle comments
Home or End or Ctrl + E or Shift + Ctrl + E or ArrowKeys or Ctrl + leftright or Page Up / Down or Ctrl	Move cursor

+ Home or Ctrl + End	
Shift + Home or Shift + End or Shift + ArrowKeys or Shift + Page Up / Down or Shift + Ctrl + Home or Shift + Ctrl + End	Move select
Del or Backspace or Shift + Backspace or Ctrl + Del or Ctrl + Backspace	Delete
Insert	Toggle overwrite
Left click or Middle click	Scrollbar
Middle click or Move the mouse	Scroll
Left click	Set selection
Left click	Set cursor
Shift + Left click	Set selection
Wheel up and wheel down	Scroll
Enter or Num Enter or Right click	Line break

## Text generic

Ctrl + T	Context toggle
Ctrl + F	Find
Ctrl + J	Jump
Ctrl + G	Find & set selection
Ctrl + H	Replace

## Console

Ctrl + Left arrow or Ctrl + Right arrow or Home or End or Arrow keys	Move cursor
Ctrl + Wheel up and wheel down or Ctrl + Num + or Ctrl + Num -	Context int cycle

Del or Backspace or Shift + Backspace or Ctrl + Del or Ctrl + Backspace	Delete
Shift + Enter or Shift + Num Enter	Clear line
Enter or Num Enter	Console execute
Shift + Ctrl + C	Copy to clipboard (as Script)
Ctrl + C	Copy to clipboard
Ctrl + V	Paste from clipboard
leftclick	Set selection
Double click	Select word
Ctrl + Tab	Insert
Tab	Indent or autocomplete
Shift + Tab	Unindent
Right click or Context menu key	Console context menu

## Clip (global)

T or N	Context toggle
Alt + O	Open clip
Alt + Left arrow / Right arrow or Ctrl + T or Ctrl + Shift + T	Track markers
Tab	Context toggle values
P	Prefetch frames
E	Tracking
Shift + S	Solving
Shift + E	Marker settings
Shift + W	Reconstruction
`	View

## Clip editor

Middle click or Shift + Middle click or Move the mouse	Pan view
Ctrl + Middle click or Move the mouse or Ctrl +	View zoom

## Move the mouse

WheelIn	Zoom in
WheelOut	Zoom out
Num +	Zoom in
Num -	Zoom out
Ctrl + Num 8 or Ctrl + Num 4 or Ctrl + Num 2 or Shift + Num 8 or Shift + Num 4 or Shift + Num 2 or Num 1 or Num 2 or Num 4 or Num 8	View zoom ratio
Home or F	Frame all
Num .	Frame selected
NDOFFit	Frame all
NDOFMotion	NDOF pan/zoom
Shift + Ctrl + Left arrow / Right arrow or Shift + Alt + Left arrow / Right arrow or Left click	Jump to frame
Left click or Shift + Left click	Select
A or Alt + A or Ctrl + I or A then A	(De)select all
B	Box select
C	Circle select
Shift + G	Select grouped
Ctrl + Alt + Right click or Shift + Ctrl + Alt + Right click	Lasso select
Ctrl + Left click	Add marker and slide
Shift + X or Shift + Del	Delete marker
Left click	Slide marker
Shift + D	Disable markers
X or Del	Delete track
Ctrl + L or Alt + L	Lock tracks
Alt + H or Shift + H	Hide tracks clear
Left click	Slide plane marker
I	Insert keyframe

Alt + I	Delete keyframe
Ctrl + J	Join tracks
L	Toggle lock selection
Alt + D or Alt + S or M	Context toggle
G or Left click	Move
S	Resize
R	Rotate
Alt + T or Shift + T or Shift + Alt + T	Clear track path
Shift + Right click	Set 2D cursor
Ctrl + C	Copy tracks
Ctrl + V	Paste tracks
Right click or Context menu key	Context menu
.	Pivot point

## Clip graph editor

Left click or Shift + Left click	Select
A or Alt + A or Ctrl + I or A then A	(De)select all markers
B	Box select
X or Del	Select curve
Shift + X or Shift + Del	Delete knot
Home or NDOFFit	Frame all
Num 0	Center current frame
L	Context toggle
Alt + T or Shift + T or Shift + Alt + T	Clear track path
Shift + D	Disable markers
G or Left click	Move
S	Resize
R	Rotate
Shift + Right click	Change frame

## Grease pencil (global)

D + Left click or Shift + D + Left click or Alt + D + Left click or Shift +	Annotation draw
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Alt + D + Left click or D + Right click	
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## Stroke curve edit mode

V	Set handle type
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## Grease pencil stroke edit mode

Ctrl + E	Grease pencil interpolation
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Shift + Ctrl + E	Interpolate sequence
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A or Alt + A or Ctrl + I or A then A	(De)select all strokes
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C	Circle select
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B	Box select
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Ctrl + Right click or Shift + Ctrl + Right click or Ctrl + Alt + Right click or Shift + Ctrl + Alt + Right click	Lasso select strokes
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Left click	Select
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Shift + Left click	Select (extend)
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Alt + Left click	Select
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Shift + Alt + Left click	Select (extend)
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L or Ctrl + L	Select linked
---------------	---------------

Shift + L	Alternated
-----------	------------

Shift + G	Select grouped
-----------	----------------

Ctrl + Num +	Select mode
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Ctrl + Num -	Select less
--------------	-------------

Shift + D	Duplicate strokes
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E	Extrude stroke points
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X or Del	Delete
----------	--------

Ctrl + X or Ctrl + Del	Dissolve
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Shift + I	Insert blank frame
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Shift + X or Shift + Del	Delete all active frames
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P	Separate strokes
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V	Split strokes
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Ctrl + J or Shift + Ctrl + J	Join strokes
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F	Set cyclical state
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Ctrl + C	Copy strokes
Ctrl + V	Paste strokes
Shift + S	Snap
Alt + H	Show all layers
H or Shift + H	Hide layer(s)
Ctrl + H	Hide selected
Shift + Q or Shift + Alt + Q	Context toggle
numarterisk	Isolate layer
M	Move to layer
Shift + Ctrl + M	Merge down
Left click or G	Move
R	Rotate
S	Resize
Shift + Alt + S	To sphere
Shift + Ctrl + Alt + S	Shear
Ctrl + M	Mirror
Shift + W	Bend
Alt + S or Shift + F	Transform
Shift + O	Proportional editing falloff
O or Alt + O or U	Context toggle
Shift + A	Add grease pencil
Ctrl + G	Grease pencil vertex groups
1 or 2 or 3	Select mode toggle
Y	Change active layer
I	Animation
Right click or Context menu key	Call menu

## Grease pencil stroke paint (draw brush)

Left click or Shift + Left click or Alt + Left click or Ctrl + Left click or O or J or Alt + J or Shift + J or K or Alt + K or Shift + K or L or Alt + L or Ctrl + L or V or M or C or Alt + C	Grease pencil draw
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B	Box select
Ctrl + Alt + Right click	Lasso select strokes

## Grease pencil stroke paint mode

Shift + F or F	Radial control
[ or ]	Scale sculpt/paint brush size
X	Delete
Shift + I	Insert blank frame
Shift + X or Shift + Del	Delete all active frames
Ctrl + E	Grease pencil interpolation
Shift + Ctrl + E	Interpolate sequence
Alt + H	Show all layers
H or Shift + H	Hide layers
Y	Change active layer
Shift + Ctrl + M	Merge down
U	Change active material
I	Animation
Right click or Context menu key	Draw context menu

## Grease pencil stroke sculpt mode

A or Alt + A or Ctrl + I or A then A	(De)select all strokes
C	Circle select
B	Box select
Ctrl + Right click or Shift + Ctrl + Right click or Ctrl + Alt + Right click or Shift + Ctrl + Alt + Right click	Lasso select strokes
Shift + Left click	Select (extend)
Alt + Left click	Select
Shift + Alt + Left click	Select (extend) click
L or Ctrl + L	Select linked
Shift + L	Alternated
Shift + G	Select grouped
Ctrl + Num +	Select more
Ctrl + Num -	Select less



Shift + F or F	Radial control
[ or ]	Scale sculpt/paint brush size
Ctrl + C	Copy strokes
Shift + Q or Shift + Alt + Q	Context toggle
Shift + I	Insert blank frame
Shift + X or Shift + Del	Delete all active frames
Y	Change active layer
U	Change active material
Shift + Ctrl + M	Merge down
I	Animation
Right click or Context menu key	Sculpt context menu

## Grease pencil stroke weight mode

Shift + F or F	Radial control
[ or ]	Scale sculpt/paint brush size
Shift + Q or Shift + Alt + Q	Context toggle
Shift + I	Insert blank frame
Shift + X or Shift + Del	Delete all active frames
Y	Change active layer
Shift + Ctrl + M	Merge down
I	Animation
Right click or Context menu key	Weight paint context menu
Ctrl + Left click	Select

## Grease pencil stroke vertex mode

A or Alt + A or Ctrl + I or A then A	(De)select all strokes
C	Circle select
B	Box select
Ctrl + Right click or Shift + Ctrl + Right click or Ctrl + Alt + Right click or Shift + Ctrl + Alt + Right click	Lasso select strokes
Shift + Left click	Select (extend)

Alt + Left click	Select
Shift + Alt + Left click	Select (extend)
L or Ctrl + L	Select linked
Shift + L	Alternated
Shift + G	Select grouped
Ctrl + Num +	Select more
Ctrl + Num -	Select less
Shift + F or F	Radial control
[ or ]	Scale sculpt/paint brush size
Shift + Q or Shift + Alt + Q	Context toggle
D	Set tool by name
Shift + I	Insert blank frame
Shift + X or Shift + Del	Delete all active frames
Y	Change active layer
Shift + Ctrl + M	Merge down
I	Animation
Right click	Vertex paint context menu

## Grease pencil stroke vertex (draw)

Left click or Ctrl + Left click	Stroke vertex paint
Shift + F or F	Radial control

## Grease pencil stroke vertex (blur)

Left click	Stroke vertex paint
Shift + F or F	Radial control

## Mask editing

Alt + N	New mask
Shift + A	Add
Shift + O	Proportional editing falloff
O	Context toggle
Ctrl + Left click	Add vertex and slide
Shift + Ctrl + Left click	Add feather vertex and slide click
X or Del	Delete
Shift + Left click	Select (toggle)

A or Alt + A or Ctrl + I or A then A	(De)select all
Ctrl + L	Select linked all
L or Shift + L	Select linked
B	Box select
C	Circle select
Ctrl + Alt + Right click or Shift + Ctrl + Alt + Right click	Lasso select
Ctrl + Num +	Select more
Ctrl + Num -	Select less
Alt + H	Clear restrict view
H or Shift + H	Set restrict view
Ctrl + Left click	Select
Alt + C	Toggle cyclic
Left click	Slide point
Left click	Slide spline curvature
V	Set handle type
Shift + N	Recalculate handles
Ctrl + P	Make parent
Alt + P	Clear parent
I	Insert shape key
Alt + I	Clear shape key
Shift + D	Add duplicate
Ctrl + C	Copy splines
Ctrl + V	Paste splines
G or Left click	Move
R	Rotate
S	Resize
Shift + Alt + S	To sphere
Alt + S	Shear
Shift + Right click	Set 2D cursor
Shift + Right click	Move

## Frames

Left arrow / Right arrow or Alt + Wheel up and wheel down	Frame offset
Shift + Left arrow / Right arrow	Jump to endpoint

Up arrow / Down arrow or MediaFirst or MediaLast	Jump to keyframe
Space or Shift + Ctrl + Space	Play animation
Esc	Cancel animation
MediaPlayPause	Play animation
MediaStop	Cancel animation

## Markers

M	Add time marker
Left click	Move time marker
Shift + D	Duplicate time marker
Left click or Shift + Left click or Ctrl + Left click or Shift + Ctrl + Left click	Select time marker
Left click or B	Marker box select
A or Alt + A or Ctrl + I or A then A	(De)select all markers
X or Del	Delete markers
F2	Rename marker
G	Move time marker
Ctrl + B	Bind camera to markers

## Animation

Ctrl + T	Context toggle
P	Set preview range
Alt + P	Clear preview range
Ctrl + Home	Set start frame
Ctrl + End	Set end frame

## Animation channels

Left click or Shift + Left click or Ctrl + Left click	Mouse click on channels
Ctrl + Left click or Double click	Rename channels
Double click or Shift + Double click	Select channel keyframes

Ctrl + F	Filter channels
A or Alt + A or Ctrl + I or A then A	Select all
B or Left click or Shift + Left click or Ctrl + Left click	Box select
X or Del	Delete channels
Shift + W	Toggle channel setting
Shift + Ctrl + W	Enable channel setting
Alt + W	Disable channel setting
Tab	Toggle channel editability
Num + or Ctrl + Num +	Expand channels
Num - or Ctrl + Num -	Collapse channels
Page Up / Down or Shift + Page Up / Down	Move channels
Ctrl + G	Group channels
Ctrl + Alt + G	Ungroup channels
Right click or Context menu key	Dope sheet channel context menu

## View3D gesture circle

Esc or Right click	Cancel
Enter or Num Enter	Confirm
Left click	Select
Shift + Left click	Deselect
Left click	No operation
Middle click	Deselect
Middle click	No operation
Wheel up or Num -	Subtract
Wheel down or Num +	Add
Move the mouse	Size

## Gesture straight line

Esc or Right click	Cancel
Left click	Begin
Left click	Select

Space	Move
Left Ctrl	Snap
F	Flip

## Standard modal map

Esc	Cancel
Left click or Enter or Num Enter	Apply
Left Ctrl or Right Ctrl	Snap on/off

## Transform modal map

Left click or Enter or Num Enter or Space	Confirm
Right click or Esc	Cancel
X	X axis
Y	Y axis
Z	Z axis
Shift + X	X plane
Shift + Y	Y plane
Shift + Z	Z plane
C	Clear constraints
G	Move
R	Rotate
S	Resize
Shift + Tab	Snap toggle
Left Ctrl or Right Ctrl	Snap invert toggle
A or Ctrl + A	Add snap point
Alt + A	Remove last snap point
Page Up	Increase proportional influence
Page Down	Decrease proportional influence
Shift + Page Up / Down or Wheel up and wheel down or Shift + Wheel up and wheel down	Increase/decrease proportional influence
Move the mouse	Adjust proportional influence
Alt + Wheel down	Select next edge slide edge
Alt + Wheel up	Select previous edge slide edge

Page Up or Shift + Page Up or Mousewheeldwon or Shift + Wheel down	Increase max AutoIK chain length
Page Down or Shift + pagedow or Wheel up or Shift + Wheel up	Decrease max AutoIK chain length
T	Toggle direction for node auto-offset
Middle click	Automatic constraint
Shift + Middle click	Automatic constraint plane
Shift	Precision mode

## Eyedropper modal map

Esc or Right click	Cancel
Enter or Num Enter or Left click	Confirm sampling
Left click	Start sampling
Space	Reset sampling

## Eyedropper ColorRamp

### PointSampling map

Esc or Backspace	Cancel
Right click or Enter or Num Enter	Confirm sampling
Left click	Sample a point
Space	Reset sampling

*Last modification: 20/03/2023 16:12:14*

*More information:* [defkey.com/pt/blender-3-4-shortcuts](https://defkey.com/pt/blender-3-4-shortcuts)

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