

# Rhino 6 cheat sheet

## Navigation

Right click + Move the mouse	(move the mouse left and right) Rotate (tumble) perspective views
Right click + Move the mouse	(move the mouse left and right) Pan parallel views
Shift + Right click + Move the mouse	(move the mouse left and right) Constrain to view rotation to horizontal or vertical
The direction is determined by the relative location of the cursor to the point where the right mouse button was pressed down. If the cursor is more to the left or right than up or down, the rotation is locked horizontally, and vice versa.	
Wheel up and wheel down	Zoom the view in / out
Middle click	Pop up toolbar
Ctrl + Tab	Next viewport active
Ctrl + Page Down	Pan view out
Ctrl + Page Up	Pan view in
Alt + Right click + Move the mouse	(move the mouse up and down) Pan view in / out
Alt + Middle click	Pan view in / out
Shift + Right click + Move the mouse	Pan any view
Ctrl + Right click + Move the mouse	(move the mouse up and down) Pan any view
Shift + Alt + Right click + Move the mouse	(move the mouse up and down) TiltView
Ctrl + Shift + Page Down	TiltView right
Ctrl + Shift + Page Up	TiltView left
Ctrl + Shift + Alt + Move the mouse	(move the mouse up and down) Adjust camera lens length in a perspective view
Shift + Alt + Page Down	Adjust camera lens length in a perspective view (toward telephoto)
Shift + Alt + Page Up	Adjust camera lens length in a perspective view (toward wide angle)
Ctrl + Alt + Right	(move the mouse left and right)

click + Move the mouse + Shift RotateCamera. In addition, press Shift to lock the camera rotation horizontally or vertically

Ctrl + Shift + Right click + Move the mouse	(move the mouse up and down) Adjust camera lens length in a perspective view
Ctrl + Shift + Right click + Move the mouse	(move the mouse left and right) Force parallel view to rotate
Ctrl + Shift + Right click + Shift	(move the mouse left and right) Constrain to view rotation to horizontal or vertical. Release Ctrl or Shift while rotating, and then press Shift again to lock the direction

## Default assignments

F1	Help
F2	CommandHistory
F3	Properties
F6	Toggle Camera
F7	Grid > ShowGrid > ShowGridAxes
F8	Toggle Ortho
F9	Toggle Snap
F10	Points On
F11	Points Off
F12	Dig Click
Ctrl + F1	SetMaximizedViewport > Top
Ctrl + F2	SetMaximizedViewport > Front
Ctrl + F3	SetMaximizedViewport > Right
Ctrl + F4	SetMaximizedViewport > Perspective
Ctrl + A	SelAll
Ctrl + B	Block
Ctrl + C	CopyToClipboard
Ctrl + F	FindText
Ctrl + G	Group
Ctrl + H	Hide
Ctrl + I	Insert
Ctrl + J	Join
Ctrl + L	Lock

Ctrl + M	MaxViewport
Ctrl + N	New
Ctrl + O	Open
Ctrl + P	Print
Ctrl + S	Save
Ctrl + T	Trim
Ctrl + V	Paste
Ctrl + W	Zoom
Ctrl + X	Cut
Ctrl + Y	Redo
Ctrl + Z	Undo
Ctrl + Shift + E	Zoom > Extents
Ctrl + Shift + G	Ungroup
Ctrl + Shift + H	ShowSelected
Ctrl + Shift + L	UnlockSelected
Ctrl + Shift + S	Split
Ctrl + Alt + E	Zoom All Extents
Ctrl + Alt + G	SetDisplayMode Ghosted
Ctrl + Alt + H	Show
Ctrl + Alt + L	Unlock
Ctrl + Alt + R	SetDisplayMode > Rendered
Ctrl + Alt + S	SetDisplayMode > Shaded
Ctrl + Alt + W	SetDisplayMode > Wireframe
Ctrl + Alt + X	SetDisplayMode > XRay
Home	UndoView
End	RedoView
Shift + Home	CPlane > Undo
Shift + End	CPlane > Redo
Shift + Page + Up arrow	ZoomLens > In
Shift + Page + Down arrow	ZoomLens > Out
Ctrl + Page + Up arrow	Pan > In
Ctrl + Page + Down arrow	Pan > Out
Shift + Ctrl + Page Up	TiltView > Left
Shift + Ctrl + Page Down	TiltView > Right

## Aliases

Aliases are used to run individual Rhino commands or scripts. You can type aliases just like normal Rhino commands.

Import: Imports aliases from a text file.

Export: Exports aliases to a text file.

New: Creates a new alias.

Delete: Deletes the selected alias.

Restore Defaults: Reloads the alias list that ships with Rhino. All custom aliases will be lost.

## Default aliases

AdvancedDisplay: OptionsPage > DisplayModes

Break: DeleteSubCrv

C: SelCrossing

COff: CurvatureGraphOff

COOn: CurvatureGraph

DisplayAttrsMgr: OptionsPage > DisplayModes

M: Move

O: Ortho

P: Planar

PlugInManager: OptionsPage > Plug-Ins

POff: PointsOff

POn: PointsOn

S: Snap

SelPolysurface: SelPolysrf

U: Undo

W: SelWindow

Z: Zoom

ZE: Zoom > Extents

ZEA: Zoom > All > Extents

ZS: Zoom > Selected

ZSA: Zoom > All > Selected

Sources: Mcneel (1, 2)

*Last modification: 10/10/2021 12:07:51 PM*

More information: [defkey.com/rhinoceros-3d-6-shortcuts](https://defkey.com/rhinoceros-3d-6-shortcuts)

[Customize this PDF...](#)