



# Virtual Key Codes cheat sheet

## Mouse

Left click	VK_LBUTTON (0x01)
Right click	VK_RBUTTON (0x02)
Ctrl + Break	VK_CANCEL (0x03)
Middle click	VK_MBUTTON (0x04)
X1	VK_XBUTTONDOWN1 (0x05)
X2	VK_XBUTTONDOWN2 (0x06)

## General - 1

Backspace	VK_BACK (0x08)
Tab	VK_TAB (0x09)
[Reserved]	- (0x0A-0B)
Clear	VK_CLEAR (0x0C)
Enter	VK_RETURN (0x0D)
[Undefined]	- (0x0E-0F)
Shift	VK_SHIFT (0x10)
Ctrl	VK_CONTROL (0x11)
Alt	VK_MENU (0x12)
Pause	VK_PAUSE (0x13)
Caps Lock	VK_CAPITAL (0x14)
[IME_Kana_mode]	VK_KANA (0x15)
[IME_Hangul_mode]	(maintained for compatibility; use VK_HANGUL) VK_HANGUEL (0x15)
[IME	Hangul mode] VK_HANGUL (0x15)
[IME_On]	VK_IME_ON (0x16)
[IME_Junja_mode]	VK_JUNJA (0x17)
[IME_final_mode]	VK_FINAL (0x18)
[IME_Hanja_mode]	VK_HANJA (0x19)
[IME_Kanji_mode]	VK_KANJI (0x19)
{IME_Off]	VK_IME_OFF (0x1A)
Esc	VK_ESCAPE (0x1B)
[IME_convert]	VK_CONVERT (0x1C)
[IME_nonconvert]	VK_NONCONVERT (0x1D)
[IME_accept]	VK_ACCEPT (0x1E)
[IME_mode_change_request]	VK_MODECHANGE (0x1F)

Space	VK_SPACE (0x20)
Page Up	VK_PRIOR (0x21)
Page Down	VK_NEXT (0x22)
End	VK_END (0x23)
Home	VK_HOME (0x24)
Left arrow	VK_LEFT (0x25)
Up arrow	VK_UP
Right arrow	VK_RIGHT (0x27)
Down arrow	VK_DOWN (0x28)
Select	VK_SELECT (0x29)
PRINT	VK_PRINT (0x2A)
EXECUTE	VK_EXECUTE (0x2B)
Print Screen	VK_SNAPSHOT (0x2C)
Insert	VK_INSERT (0x2D)
Del	VK_DELETE (0x2E)
Help	VK_HELP (0x2F)

## Number row

0	0x30
1	0x31
2	0x32
3	0x33
4	0x34
5	0x35
6	0x36
7	0x37
8	0x38
9	0x39
[Undefined]	- (0x3A-40)

## Letters

B	0x42
C	0x43
D	0x44
E	0x45
F	0x46
G	0x47
H	0x48
I	0x49

J	0x4A
K	0x4B
L	0x4C
M	0x4D
N	0x4E
O	0x4F
P	0x50
Q	0x51
R	0x52
S	0x53
T	0x54
U	0x55
V	0x56
W	0x57
X	0x58
Y	0x59
Z	0x5A

## General - 2

LWin	(Natural keyboard) VK_LWIN (0x5B)
RWin	(Natural keyboard) VK_RWIN (0x5C)
Context menu key	(Natural keyboard) VK_APPS (0x5D)
[Reserved]	- (0x5E)
Sleep	VK_SLEEP (0x5F)

## Numpad

Num 1	VK_NUMPAD1 (0x61)
Num 2	VK_NUMPAD2 (0x62)
Num 3	VK_NUMPAD3 (0x63)
Num 4	VK_NUMPAD4 (0x64)
Num 5	VK_NUMPAD5 (0x65)
Num 6	VK_NUMPAD6 (0x66)
Num 7	VK_NUMPAD7 (0x67)
Num 8	VK_NUMPAD8 (0x68)
Num 9	VK_NUMPAD9 (0x69)
*	VK_MULTIPLY (0x6A)
+	VK_ADD (0x6B)

Separator	VK_SEPARATOR (0x6C)
-	VK_SUBTRACT (0x6D)
Num ,	VK_DECIMAL (0x6E)
Num /	VK_DIVIDE (0x6F)

## Function keys

F1	VK_F1 (0x70)
F2	VK_F2 (0x71)
F3	VK_F3 (0x72)
F4	VK_F4 (0x73)
F5	VK_F5 (0x74)
F6	VK_F6 (0x75)
F7	VK_F7 (0x76)
F8	VK_F8 (0x77)
F9	VK_F9 (0x78)
F10	VK_F10 (0x79)
F11	VK_F11 (0x7A)
F12	VK_F12 (0x7B)
F13	VK_F13 (0x7C)
F14	VK_F14 (0x7D)
F15	VK_F15 (0x7E)
F16	VK_F16 (0x7F)
F17	VK_F17 (0x80)
F18	VK_F18 (0x81)
F19	VK_F19 (0x82)
F20	VK_F20 (0x83)
F21	VK_F21 (0x84)
F22	VK_F22 (0x85)
F23	VK_F23 (0x86)
F24	VK_F24 (0x87)

## General - 3

Num Lock	VK_NUMLOCK (0x90)
Scroll Lock	VK_SCROLL (0x91)
[OEM_specific]	0x92-96
[Unassigned]	- (0x97-9F)
Left Shift	VK_LSHIFT (0xA0)
Right Shift	VK_RSHIFT (0xA1)
Left Control	VK_LCONTROL (0xA2)

Right Control VK\_RCONTROL (0xA3)

LeftContextMenu VK\_LMENU (0xA4)

RightContextMenu VK\_RMENU (0xA5)

## Special / Media keys

BrowserForward VK\_BROWSER\_FORWARD (0xA7)

BrowserRefresh VK\_BROWSER\_REFRESH (0xA8)

BrowserStop VK\_BROWSER\_STOP (0xA9)

BrowserSearch VK\_BROWSER\_SEARCH (0xAA)

BrowserFavorites VK\_BROWSER\_FAVORITES (0xAB)

BrowserStart or BrowserHome VK\_BROWSER\_HOME (0xAC)

VolumeMute VK\_VOLUME\_MUTE (0xAD)

VolumeDown VK\_VOLUME\_DOWN (0xAE)

VolumeUp VK\_VOLUME\_UP (0xAF)

NextTrack VK\_MEDIA\_NEXT\_TRACK (0xB0)

PreviousTrack VK\_MEDIA\_PREV\_TRACK (0xB1)

StopMedia VK\_MEDIA\_STOP (0xB2)

PlayPause VK\_MEDIA\_PLAY\_PAUSE (0xB3)

StartMail VK\_LAUNCH\_MAIL (0xB4)

SelectMedia VK\_LAUNCH\_MEDIA\_SELECT (0xB5)

StartApplication1 VK\_LAUNCH\_APP1 (0xB6)

StartApplication2 VK\_LAUNCH\_APP2 (0xB7)

[Reserved] - (0xB8-B9)

+ VK\_OEM\_PLUS (0xBB)

, VK\_OEM\_COMMA (0xBC)

- VK\_OEM\_MINUS (0xBD)

. VK\_OEM\_PERIOD (0xBE)

/ (Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '/' key) VK\_OEM\_2 (0xBF)

~ (Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '~' key) VK\_OEM\_3 (0xC0)

[Reserved] - (0xC1-D7)

[Unassigned] - (0xD8-DA)

[ (Used for miscellaneous

characters; it can vary by keyboard. For the US standard keyboard, the '[' key) VK\_OEM\_4 (0xDB)

\ (Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the '\|' key) VK\_OEM\_5 (0xDC)

] (Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the ']' key) VK\_OEM\_6 (0xDD)

' (Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the 'single-quote/double-quote' key) VK\_OEM\_7 (0xDE)

Used for miscellaneous characters; it can vary by keyboard: VK\_OEM\_8 (0xDF)

[Reserved] - (0xE0)

[OEM\_specific] 0xE1

< (Either the angle bracket key or the backslash key on the RT 102-key keyboard) VK\_OEM\_102 (0xE2)

\ (Either the angle bracket key or the backslash key on the RT 102-key keyboard) VK\_OEM\_102 (0xE2)

[OEM\_specific] 0xE3-E4

[ImeProcess] VK\_PROCESSKEY (0xE5)

[OEM\_specific] 0xE6

(Used to pass Unicode characters as if they were keystrokes. The VK\_PACKET key is the low word of a 32-bit Virtual Key value used for non-keyboard input methods.) VK\_PACKET (0xE7)

[OEM\_specific] 0xE9-F5

Attn VK\_ATTN (0xF6)

CrSel VK\_CRSEL (0xF7)

ExSel VK\_EXSEL (0xF8)

EraseEOF VK\_EREOF (0xF9)

Play VK\_PLAY (0xFA)

Zoom VK\_ZOOM (0xFB)

Reserved VK\_NONAME (0xFC)

PA1 VK\_PA1 (0xFD)

Clear VK\_OEM\_CLEAR (0xFE)

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*More information: [defkey.com/virtual-key-codes-shortcuts](https://defkey.com/virtual-key-codes-shortcuts)*

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