Virtual-Key Codes

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The following table shows the symbolic constant names, hexadecimal values, and mouse or keyboard equivalents for the virtual-key codes used by the system. The codes are listed in numeric order.

⛶ **Expand table**

Constant	Value	Description
VK_LBUTTON	0x01	Left mouse button
VK_RBUTTON	0x02	Right mouse button
VK_CANCEL	0x03	Control-break processing
VK_MBUTTON	0x04	Middle mouse button
VK_XBUTTON1	0x05	X1 mouse button
VK_XBUTTON2	0x06	X2 mouse button
-	0x07	Reserved
VK_BACK	0x08	BACKSPACE key
VK_TAB	0x09	TAB key
-	0x0A-0B	Reserved
VK_CLEAR	0x0C	CLEAR key
VK_RETURN	0x0D	ENTER key
-	0x0E-0F	Unassigned
VK_SHIFT	0x10	SHIFT key
VK_CONTROL	0x11	CTRL key
VK_MENU	0x12	ALT key
VK_PAUSE	0x13	PAUSE key
VK_CAPITAL	0x14	CAPS LOCK key

Constant	Value	Description
VK_KANA	0x15	IME Kana mode
VK_HANGUL	0x15	IME Hangul mode
VK_IME_ON	0x16	IME On
VK_JUNJA	0x17	IME Junja mode
VK_FINAL	0x18	IME final mode
VK_HANJA	0x19	IME Hanja mode
VK_KANJI	0x19	IME Kanji mode
VK_IME_OFF	0x1A	IME Off
VK_ESCAPE	0x1B	ESC key
VK_CONVERT	0x1C	IME convert
VK_NONCONVERT	0x1D	IME nonconvert
VK_ACCEPT	0x1E	IME accept
VK_MODECHANGE	0x1F	IME mode change request
VK_SPACE	0x20	SPACEBAR
VK_PRIOR	0x21	PAGE UP key
VK_NEXT	0x22	PAGE DOWN key
VK_END	0x23	END key
VK_HOME	0x24	HOME key
VK_LEFT	0x25	LEFT ARROW key
VK_UP	0x26	UP ARROW key
VK_RIGHT	0x27	RIGHT ARROW key
VK_DOWN	0x28	DOWN ARROW key
VK_SELECT	0x29	SELECT key
VK_PRINT	0x2A	PRINT key
VK_EXECUTE	0x2B	EXECUTE key

Constant	Value	Description
VK_SNAPSHOT	0x2C	PRINT SCREEN key
VK_INSERT	0x2D	INS key
VK_DELETE	0x2E	DEL key
VK_HELP	0x2F	HELP key
	0x30	0 key
	0x31	1 key
	0x32	2 key
	0x33	3 key
	0x34	4 key
	0x35	5 key
	0x36	6 key
	0x37	7 key
	0x38	8 key
	0x39	9 key
-	0x3A-40	Undefined
	0x41	A key
	0x42	B key
	0x43	C key
	0x44	D key
	0x45	E key
	0x46	F key
	0x47	G key
	0x48	H key
	0x49	I key
	0x4A	J key

Constant	Value	Description
	0x4B	K key
	0x4C	L key
	0x4D	M key
	0x4E	N key
	0x4F	O key
	0x50	P key
	0x51	Q key
	0x52	R key
	0x53	S key
	0x54	T key
	0x55	U key
	0x56	V key
	0x57	W key
	0x58	X key
	0x59	Y key
	0x5A	Z key
VK_LWIN	0x5B	Left Windows key
VK_RWIN	0x5C	Right Windows key
VK_APPS	0x5D	Applications key
-	0x5E	Reserved
VK_SLEEP	0x5F	Computer Sleep key
VK_NUMPAD0	0x60	Numeric keypad 0 key
VK_NUMPAD1	0x61	Numeric keypad 1 key
VK_NUMPAD2	0x62	Numeric keypad 2 key
VK_NUMPAD3	0x63	Numeric keypad 3 key
VK_NUMPAD4	0x64	Numeric keypad 4 key

Constant	Value	Description
VK_NUMPAD5	0x65	Numeric keypad 5 key
VK_NUMPAD6	0x66	Numeric keypad 6 key
VK_NUMPAD7	0x67	Numeric keypad 7 key
VK_NUMPAD8	0x68	Numeric keypad 8 key
VK_NUMPAD9	0x69	Numeric keypad 9 key
VK_MULTIPLY	0x6A	Multiply key
VK_ADD	0x6B	Add key
VK_SEPARATOR	0x6C	Separator key
VK_SUBTRACT	0x6D	Subtract key
VK_DECIMAL	0x6E	Decimal key
VK_DIVIDE	0x6F	Divide key
VK_F1	0x70	F1 key
VK_F2	0x71	F2 key
VK_F3	0x72	F3 key
VK_F4	0x73	F4 key
VK_F5	0x74	F5 key
VK_F6	0x75	F6 key
VK_F7	0x76	F7 key
VK_F8	0x77	F8 key
VK_F9	0x78	F9 key
VK_F10	0x79	F10 key
VK_F11	0x7A	F11 key
VK_F12	0x7B	F12 key
VK_F13	0x7C	F13 key
VK_F14	0x7D	F14 key

Constant	Value	Description
VK_F15	0x7E	F15 key
VK_F16	0x7F	F16 key
VK_F17	0x80	F17 key
VK_F18	0x81	F18 key
VK_F19	0x82	F19 key
VK_F20	0x83	F20 key
VK_F21	0x84	F21 key
VK_F22	0x85	F22 key
VK_F23	0x86	F23 key
VK_F24	0x87	F24 key
-	0x88-8F	Reserved
VK_NUMLOCK	0x90	NUM LOCK key
VK_SCROLL	0x91	SCROLL LOCK key
-	0x92-96	OEM specific
-	0x97-9F	Unassigned
VK_LSHIFT	0xA0	Left SHIFT key
VK_RSHIFT	0xA1	Right SHIFT key
VK_LCONTROL	0xA2	Left CONTROL key
VK_RCONTROL	0xA3	Right CONTROL key
VK_LMENU	0xA4	Left ALT key
VK_RMENU	0xA5	Right ALT key
VK_BROWSER_BACK	0xA6	Browser Back key
VK_BROWSER_FORWARD	0xA7	Browser Forward key
VK_BROWSER_REFRESH	0xA8	Browser Refresh key

Constant	Value	Description
VK_BROWSER_STOP	0xA9	Browser Stop key
VK_BROWSER_SEARCH	0xAA	Browser Search key
VK_BROWSER_FAVORITES	0xAB	Browser Favorites key
VK_BROWSER_HOME	0xAC	Browser Start and Home key
VK_VOLUME_MUTE	0xAD	Volume Mute key
VK_VOLUME_DOWN	0xAE	Volume Down key
VK_VOLUME_UP	0xAF	Volume Up key
VK_MEDIA_NEXT_TRACK	0xB0	Next Track key
VK_MEDIA_PREV_TRACK	0xB1	Previous Track key
VK_MEDIA_STOP	0xB2	Stop Media key
VK_MEDIA_PLAY_PAUSE	0xB3	Play/Pause Media key
VK_LAUNCH_MAIL	0xB4	Start Mail key
VK_LAUNCH_MEDIA_SELECT	0xB5	Select Media key
VK_LAUNCH_APP1	0xB6	Start Application 1 key
VK_LAUNCH_APP2	0xB7	Start Application 2 key
-	0xB8-B9	Reserved
VK_OEM_1	0xBA	Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the ;: key
VK_OEM_PLUS	0xBB	For any country/region, the + key
VK_OEM_COMMA	0xBC	For any country/region, the , key
VK_OEM_MINUS	0xBD	For any country/region, the - key
VK_OEM_PERIOD	0xBE	For any country/region, 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	Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the `~ key

Constant	Value	Description
-	0xC1-DA	Reserved
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 `]}` key
VK_OEM_7	0xDE	Used for miscellaneous characters; it can vary by keyboard. For the US standard keyboard, the `'"` key
VK_OEM_8	0xDF	Used for miscellaneous characters; it can vary by keyboard.
-	0xE0	Reserved
-	0xE1	OEM specific
VK_OEM_102	0xE2	The `<>` keys on the US standard keyboard, or the `\\|` key on the non-US 102-key keyboard
-	0xE3-E4	OEM specific
VK_PROCESSKEY	0xE5	IME PROCESS key
-	0xE6	OEM specific
VK_PACKET	0xE7	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. For more information, see Remark in KEYBDINPUT, SendInput, WM_KEYDOWN, and WM_KEYUP
-	0xE8	Unassigned
-	0xE9-F5	OEM specific
VK_ATTN	0xF6	Attn key
VK_CRSEL	0xF7	CrSel key
VK_EXSEL	0xF8	ExSel key
VK_EREOF	0xF9	Erase EOF key

Constant	Value	Description
VK_PLAY	0xFA	Play key
VK_ZOOM	0xFB	Zoom key
VK_NONAME	0xFC	Reserved
VK_PA1	0xFD	PA1 key
VK_OEM_CLEAR	0xFE	Clear key

Requirements

[ ] Expand table

Requirement	Value
Minimum supported client	Windows 2000 Professional [desktop apps only]
Minimum supported server	Windows 2000 Server [desktop apps only]
Header	Winuser.h

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