



# COMPUTING WITH ACCENTS, SYMBOLS & FOREIGN SCRIPTS

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## Windows - Alt Key Numeric Codes

This page list codes for accented letters and other characters. In order to use these codes, your computer **should have a separate numeric keypad** on the right. If it does not, then [another method of inputting accents is recommended](#).

The list is organized by type. If you need more information on how to type the codes, please read the [detailed instructions](#). These tables show select codes only, not all possible codes.

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### Letters with Accents

This list is organized by **Accent** type. To determine the appropriate numeric code, match the accent with the vowel. See the [individual By Language pages](#) to see how to handle other accents.

Accent	A	E	I	O	U	Y
<b>Grave</b> (Cap)	À 0192	È 0200	Ì 0204	Ò 0210	Ù 0217	
Grave (Lower)	à 0224	è 0232	ì 0236	ò 0242	ù 0249	
<b>Acute</b> (Cap)	Á 0193	É 0201	Í 0205	Ó 0211	Ú 0218	Ý 0221
Acute (Lower)	á 0225	é 0233	í 0237	ó 0243	ú 0250	ý 0253
<b>Circumflex</b> (Cap)	Â 0194	Ê 0202	Î 0206	Ô 0212	Û 0219	
Circumflex (Lower)	â 0226	ê 0234	î 0238	ô 0244	û 0251	
<b>Tilde</b> (Cap)	Ã 0195	--	Ñ 0209	Õ 0213	--	
Tilde (Lower)	ã 0227	--	ñ 0241	õ 0245	--	
<b>Umlaut</b> (Cap)	Ä 0196	Ë 0203	Ï 0207	Ö 0214	Ü 0220	ÿ 0159
Umlaut (Lower)	ä 0228	ë 0235	ï 0239	ö 0246	ü 0252	ÿ 0255

**Example:** To input the acute a á (0225), hold down the **ALT** key, type **0225** on the numeric keypad, then release the **ALT** key.

If you are having problems inputting these codes, please review the instructions for [using the codes](#) at the bottom of this Web page.

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## Other Foreign Characters

These include special punctuation and unique consonant and vowel symbols.

SYMBOL	NAME	CODE NUMBER
¡	Upside-down exclamation mark	0161

¿	Upside-down question mark	0191
Ç, ç	French C cedille (caps/lowecase)	0199 0231
Œ, œ	O-E ligature (caps/lowecase)	0140 0156
ß	German Sharp/Double S	0223
Ø, ø	Nordic O slash (caps/lowecase)	0216 0248
Å, å	Nordic A ring (caps/lowecase), Angstrom sign	0197 0229
Æ, æ	A-E ligature (caps/lowecase)	0198 0230
Ð, þ	Icelandic/Old English Thorn (caps/lowecase) <b>See <a href="#">other Old English Characters</a></b>	0222 0254
Ð, ð	Icelandic/Old English Eth (caps/lowecase) <b>See <a href="#">other Old English Characters</a></b>	0208 0240
« »	Spanish/French quotation marks	0187 0171
Š š	Czech S hachek (S Caron) (caps/lowecase) <b>See <a href="#">other Czech Characters</a></b>	0138 0154
Ž ž	Czech S hachek (Z Caron) (caps/lowecase) <b>See <a href="#">other Czech Characters</a></b>	0142 0158

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## Currency Symbols

SYMBOL	NAME	CODE NUMBER
¢	Cent sign	0162
£	British Pound	0163
€	Euro currency	0128
¥	Japanese Yen	0165
f	Dutch Florin	0131
⌘	Generic currency symbol	0164

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## Math Symbols

SYMBOL	NAME	CODE NUMBER
÷	Division sign	0247
°	Degree symbol	0176
¬	Not symbol	0172
±	Plus/minus	0177
μ	Micro	0181

## Fractions

These codes produce fractions which are spaced on one line.

SYMBOL	NAME	CODE NUMBER

$\frac{1}{4}$	Fraction 1/4	0188
$\frac{1}{2}$	Fraction 1/2	0189
$\frac{3}{4}$	Fraction 3/4	0190

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## Other Punctuation

These include copyright symbols and special section marks.

SYMBOL	NAME	CODE NUMBER
©	Copyright symbol	0169
®	Registered symbol	0174
™	Trademark	0153
•	List Dot	0149
§	Section Symbol	0167
—	en-dash	0150
—	em-dash	0151
¶	Paragraph Symbol	0182

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## Using the Codes

Windows assigns [a numeric code](#) to different accented letters, other foreign characters and special mathematical symbols. For instance the code for lower case á is **0225**, and the code for capital Á is **0193**. The ALT key input is used to manually insert these letters and symbols by calling the numeric code assigned to them.

### To use the codes:

1. Place your cursor in the location where you wish to insert a special character.
2. Activate the **numeric key pad** on the right of the keyboard by pressing **Num Lock** (upper right of keyboard). The **Num Lock** light on the keyboard will indicate that the numeric key pad is on.

**NOTE:** You must use the numeric key pad; if you use the number keys on the top of the keyboard, the characters will not appear. If you are on a **laptop** or computer without a separate numeric keypad [one of the other methods](#) is recommended.

3. While pressing down the **ALT** key, type the four-digit code on the **numeric key pad** at the right edge of the keyboard. The codes are "case sensitive." For instance, the code for lower-case á is **ALT+0225**, but capital Á is **ALT+0193**.

**NOTE:** If you have the [International keyboard activated](#), you will only be able to input codes with the **ALT** key on the left side of the keyboard.

4. Release the **ALT** key. The character will appear when the **ALT** key is released.

**NOTE:** You must **include the initial zero** in the code. For example to insert á (**0225**) you must type **ALT+0225**, NOT **ALT+225**.

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## Links to External Reference Pages

- [Starr.Net](#)
- [Andrè Moreau](#)
- [ALT Codes for Foreign Language Letters with Accents \(Useful Shortcuts.Com\)](#)
- [Front Page Wizard](#)

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Unicode character names and hexadecimal entity codes are taken from the [public Unicode Character Charts](#).

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