



UTF-8 Code of Common Special Characters

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Use

On GNU/Linux machines, special characters can be entered by their UTF Unicode using the key combination `Ctrl` `Shift` `U`. Finish off with `Enter` or `Space`.

[UTF-8 code](#) for some of the most common special characters is listed below. Leading zeroes in Unicodes are omitted. These are not required when manually entering codes. Alternative key combinations are also listed; these may or may not work with your particular keyboard layout.

Fonts

The number of actually encoded Unicode glyphs varies greatly among fonts. There are some [fonts with exceptionally broad Unicode support](#). In case of doubt, use this [Unicode character search](#) to check the availability of any particular glyph in a number of fonts.

Compose key

- The “Compose key” entry on [Wikipedia EN](#),
- [Linux Compose Key Sequences](#)

The definitive guide to compose key combinations actually turns out to be the Compose file of the locale used on your system:

```
$ locale
$ less /usr/share/X11/locale/en_US.UTF-8/Compose
```

Spacing

Table 1: Spacing

Ctrl Shift U	Compose	HTML	glyph
A0	Space Space	 	non-breaking space “ ”
2002		 	en space “ ”
2003		 	em space “ ”
2007		 	figure space is a non-breaking space equal to the tabular width; i.e. the digit width in fonts with fixed-width digits.
200B		​	zero width space
202F		&nnbsp;	narrow, non-breaking thin space for use with units e.g. compare the narrow “1 m” to the wider “1 m”.
2060		(Does not work.)	word joiner or zero-width no-break space

General punctuation

Table 2: General punctuation

Ctrl Shift U	Compose	may work	glyph
2011			non-breaking hyphen -
2012			figure dash –, length in between en and em dash
2014	- - -		em dash —, used in pairs to offset parenthetical text
2026	. .		horizontal ellipsis ...

Footnote symbols

The traditional order of **footnote symbols** in English is *, †, ‡, §, ||, ¶.

Table 3: Footnote symbols

Ctrl	Shift	U	Compose	may work	glyph
					2A asterisk or star *
					2020 dagger †
					2021 double dagger ‡
			s o		A7 section symbol §
					2016 double vertical line
			p !	AltGr R	B6 pilcrow ¶

Computing symbols

Table 4: Computing symbols

Ctrl	Shift	U	Compose	may work	glyph
					21B5 downwards arrow with corner leftwards; may indicate a carriage return or new line ↵
					21E7 upwards white arrow; represents shift ↑
					23CE return symbol; may be shown with either hollow or filled glyph ↵
					2423 open box graphic for space ◻
					2BA0 downwards triangle-headed arrow with long tip leftwards ↙
					2BA1 downwards triangle-headed arrow with long tip rightwards ↘

Ballot symbols

Ballot characters can be entered using the **Compose** only when using my customised `.XCompose` file on your system.

Table 5: Ballot symbols

<div style="display: inline-block; border: 1px solid black; padding: 2px;">Ctrl</div> <div style="display: inline-block; border: 1px solid black; padding: 2px;">Shift</div> <div style="display: inline-block; border: 1px solid black; padding: 2px;">U</div>	<div style="border: 1px solid black; padding: 2px;">Compose</div>	may work	glyph
			ballot box <input type="checkbox"/>
			ballot box with check <input checked="" type="checkbox"/>
			ballot box with X <input checked="" type="checkbox"/>
	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">t</div> <div style="border: 1px solid black; padding: 2px;">t</div> <div style="font-size: small;">or</div> <div style="border: 1px solid black; padding: 2px;">t</div> </div> <div style="margin-left: 40px; border: 1px solid black; padding: 2px;">v</div>		check mark ✓
	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">t</div> <div style="border: 1px solid black; padding: 2px;">x</div> </div>		ballot X x
			radio button <input type="radio"/>
			ballot script X \diamond
			ballot box with bold script X \diamond
			light check mark \diamond
			ballot box with bold check \diamond
			white circle containing black small circle \diamond
			light white square \diamond

Bullet list symbols

Greek characters can be entered using the

Compose

 only when using *my customised .XCompose file* on your system.

Table 6: Bullet list symbols

<div style="display: inline-block; border: 1px solid black; padding: 2px;">Ctrl</div> <div style="display: inline-block; border: 1px solid black; padding: 2px;">Shift</div> <div style="display: inline-block; border: 1px solid black; padding: 2px;">U</div>	<div style="border: 1px solid black; padding: 2px;">Compose</div>	may work	glyph
			bullet •
			triangular bullet ►
			hyphen bullet -
			white bullet ◦

Religious symbols

Table 7: Religious symbols

<div style="display: inline-block; border: 1px solid black; padding: 2px;">Ctrl</div> <div style="display: inline-block; border: 1px solid black; padding: 2px;">Shift</div> <div style="display: inline-block; border: 1px solid black; padding: 2px;">U</div>	<div style="border: 1px solid black; padding: 2px;">Compose</div>	may work	glyph
			Latin cross †

Science & math characters

Table 8: Science & math characters

Ctrl	Shift	Compose	may work	glyph
	U			
			2x AltGr Ä	circumflex accent ^
		o o	Shift AltGr 0	degree sign °
		+ -	Shift AltGr 9	plus-minus sign ±
		^ 1		superscript one ¹
		^ 2		superscript two ²
		^ 3		superscript three ³
		m u	AltGr μ	micro sign μ
		x x	Shift AltGr ,	multiplicator sign ×
		: -	Shift AltGr .	division sign, obelus ÷
2012				figure dash –, length in between en and em dash
202F				non-breaking thin space for use with units e.g. Compare the narrow “1 m” to the wider “1 m”.
207B				superscript minus ⁻
2113				ell ℓ
2126				unit ohm Ω
221A				square root √
221B				cube root ³ √
221C				fourth root ⁴ √
221D				proportional to ∝
221E				infinity ∞
221F				right angle ⊥
2220				angle ∠
2221				measured angle ∟
2225				parallel to ∥
2229				intersection ∩
222A				union ∪
2234				therefore; masonic abbreviation sign ∴
223F				sine wave, alternating current ~
2248				almost equal to, approximately ≈

Ctrl	Shift	Compose	may work	glyph
U				subset of C
		.	AltGr .	dot operator ·
				diameter sign Ø
				white square □
				white small square ◻
				white medium square ◻
				white medium small square ◻
				less-than or slanted equal to ≤
				greater-than or slanted equal to ≥

Vulgar fractions

Table 9: Vulgar fractions

Ctrl	Shift	U	Compose	may work	glyph
			1 4	AltGr 4	vulgar fraction one quarter ¼
			1 2	AltGr 5	vulgar fraction one half ½
			3 4		vulgar fraction three quarters ¾
			1 8	Shift AltGr 2	vulgar fraction one eighth ⅛
			3 8	Shift AltGr 5	vulgar fraction three eighths ⅜
			5 8	Shift AltGr 6	vulgar fraction five eighths ⅝
			7 8	Shift AltGr 7	vulgar fraction seven eighths ⅞

Arrow symbols

Table 10: Arrow symbols

Ctrl	Shift	U	Compose	may work	glyph
			< -	AltGr Z	←
				Shift AltGr U	↑
			- >	AltGr I	→
				AltGr U	↓
					↔
					↕

<div style="display: flex; align-items: center; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">Ctrl</div> <div style="border: 1px solid black; padding: 2px 5px;">Compose</div> </div>	may work	glyph
<div style="display: flex; align-items: center; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">Shift</div> <div style="border: 1px solid black; padding: 2px 5px;">U</div> </div>		
21B5		downwards arrow with corner leftwards ↙
21CE		↔
21CF		↗
21D1		↑
21D2		⇒
21D3		↓
21D4		↔
21D5		↕
2BA0		downwards triangle-headed arrow with long tip leftwards ◊
2BA1		downwards triangle-headed arrow with long tip rightwards ◊

Greek small letters

Greek characters can be entered using the Compose only when using **my customised .XCompose file** on your system.

Table 11: Greek small letters

Ctrl	Shift	U	Compose	glyph
			g a	Greek small letter alpha α
			g b	Greek small letter beta β
			g g	Greek small letter gamma γ
			g d	Greek small letter delta δ
			g e	Greek small letter epsilon ε
			g z	Greek small letter zeta ζ
			g h	Greek small letter eta η
			g 8	Greek small letter theta θ
			g i	Greek small letter iota ι
			g k	Greek small letter kappa κ
			g l	Greek small letter lambda λ
			g m	Greek small letter mu μ
			g n	Greek small letter nu ν
			g x	Greek small letter xi ξ
			g o	Greek small letter omicron ο
			g p	Greek small letter pi π, math constant $\pi = \frac{C}{D} = 3.141592\dots$, but you might be better off with τ
			g r	Greek small letter rho ρ
			g 5	Greek small letter final sigma Ϛ
			g s	Greek small letter sigma σ
			g t	Greek small letter tau τ, math constant $\tau = \frac{C}{r} = 6.283185\dots$
			g y	Greek small letter upsilon υ
			g f	Greek small letter phi φ
			g c	Greek small letter chi χ
			g u	Greek small letter psi ψ
			g w	Greek small letter omega ω

Greek capital letters

Greek characters can be entered using the `Compose` only when using my customised `.XCompose file` on your system.

Table 12: Greek capital letters

Ctrl	Shift	U	Compose	glyph
			G A	Greek capital letter alpha Α
			G B	Greek capital letter beta Β
			G G	Greek capital letter gamma Γ
			G D	Greek capital letter delta Δ
			G E	Greek capital letter epsilon Ε
			G Z	Greek capital letter zeta Ζ
			G H	Greek capital letter eta Η
			g 8	Greek capital letter theta Θ
			g I	Greek capital letter iota Ι
			g K	Greek capital letter kappa Κ
			g L	Greek capital letter lambda Λ
			g M	Greek capital letter mu Μ
			g N	Greek capital letter nu Ν
			g X	Greek capital letter xi Ξ
			g O	Greek capital letter omicron Ο
			g P	Greek capital letter pi Π
			g R	Greek capital letter rho Ρ
			g S	Greek capital letter sigma Σ
			g T	Greek capital letter tau Τ
			g Y	Greek capital letter upsilon Υ
			g F	Greek capital letter phi Φ
			g C	Greek capital letter chi Χ
			g U	Greek capital letter psi Ψ
				Greek capital letter omega Ω
			g W	<code>Shift AltGr Q</code> may work also. Please note, the unit <code>ohm</code> has its own code.

Spanish characters

Table 13: Spanish characters

	Ctrl Shift U	Compose	may work	glyph
A0		! !	Shift AltGr !	Spanish inverted exclamation mark ¡
AA		a _		Spanish female ordinal indicator ^a
BA		o _		Spanish male ordinal indicator ^o
BF		? ?	Shift AltGr ?	Spanish inverted question mark ¿
F1		n ~		Latin small letter eñe ñ with tilde
2116		N o		numero sign №

French characters

Table 14: French characters

	Ctrl Shift U	Compose	may work	glyph
AB		< <	AltGr Y	left-pointing double angle quotation mark, guillemet or chevrons «
BB		> >	AltGr X	right-pointing double angle quotation mark, guillemet or chevrons »
C6		A E	Shift AltGr A	Latin capital ligature Æ
E2		a ^		Latin small letter â with circumflex
E6		a e	AltGr A	Latin small ligature æ
E7		c ,		Latin small letter ç with cedilla
EA		e ^		Latin small letter ê with circumflex
EE		i ^		Latin small letter î with circumflex
F4		o ^		Latin small letter ô with circumflex
FB		u ^		Latin small letter û with circumflex
152		O E		Latin capital ligature Œ
153		o e		Latin small ligature œ
2116		N o		numero sign №

Dutch characters

Table 15: Dutch characters

Ctrl	Shift	U	Compose	may work	glyph
			e "	AltGr { + e AltGr Ü + e	Latin small letter ë with diæresis
			i "	AltGr { + i AltGr Ü + i	Latin small letter ï with diæresis

Proprietary signs

Table 16: Proprietary signs

Ctrl	Shift	U	Compose	may work	glyph
			o c	Shift AltGr C	copyright sign ©
			o r	Shift AltGr R	registered sign ®
			t m	Shift AltGr 8	trade mark sign ™

Monetary signs

On this site, I use the **official design** of the euro logotype as the **glyph** for the euro sign. This glyph is available from the **Marvosym** symbol font, albeit not on the conventional UTF-8 Unicode code point of U+20AC. To use this official euro glyph on my site, I created **a single-glyph font called euro** with the glyph at the right Unicode code point. My **fonts.css** file and CSS font substitution take care of the rest. All files are available for download by clicking the preceding hyperlinks.

```
font-family: 'euroregular', 'texgyrepagellaregular', serif;
```

Table 17: Monetary signs

Ctrl	Shift	U	Compose	may work	glyph
			e =	AltGr E	euro sign €

More UTF-8 Unicode

Look no further than [The Unicode Consortium](#) for the most complete and up-to-date codepages of glyphs. Another nicely ordered list can be found on [Wikibooks](#).



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Last update: Sunday, October 1, 2023.