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 ‡
A7	s o		section symbol §
2016			double vertical line ‖
B6	p !	AltGr R	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

Ctrl Shift U	Compose	may work	glyph
2610			ballot box ☐
2611			ballot box with check ☑
2612			ballot box with X ☒
2713	t t or t v		check mark ✓
2717	t x		ballot X ✗
1F518			radio button 🔘
1F5F4			ballot script X 🗴
1F5F7			ballot box with bold script X 🗷
1F5F8			light check mark 🗸
1F5F9			ballot box with bold check 🗹
1F78A			white circle containing black small circle 🞊
1F78E			light white square 🞎

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

Ctrl Shift U	Compose	may work	glyph
2022			bullet •
2023			triangular bullet ‣
2043			hyphen bullet ⁃
25E6			white bullet ◦

Religious symbols

Table 7: Religious symbols

Ctrl Shift U	Compose	may work	glyph
271D			Latin cross ✝

Science & math characters

Table 8: Science & math characters

Ctrl Shift U	Compose	may work	glyph
5E		2× AltGr Ä	circumflex accent ^
B0	o o	Shift AltGr 0	degree sign °
B1	+ -	Shift AltGr 9	plus-minus sign ±
B9	^ 1		superscipt one ¹
B2	^ 2		superscipt two ²
B3	^ 3		superscipt three ³
B5	m u	AltGr µ	micro sign µ
D7	x x	Shift AltGr ,	multiplicator sign ×
F7	: -	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			superscipt minus ⁻
2113			ell ℓ
2126			unit ohm Ω
221A			square root √
221B			cube root ∛
221C			fourth root ∜
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 U	Compose	may work	glyph
2282			subset of ⊂
22C5	. -	AltGr .	dot operator ·
2300			diameter sign ∅
25A1			white square □
25AB			white small square ▫
25FB			white medium square □
25FD			white medium small square ◻
2A7D			less-than or slanted equal to ⩽
2A7E			greater-than or slanted equal to ⩾

Vulgar fractions

Table 9: Vulgar fractions

Ctrl Shift U	Compose	may work	glyph
BC	1 4	AltGr 4	vulgar fraction one quarter ¼
BD	1 2	AltGr 5	vulgar fraction one half ½
BE	3 4		vulgar fraction three quarters ¾
215B	1 8	Shift AltGr 2	vulgar fraction one eighth ⅛
215C	3 8	Shift AltGr 5	vulgar fraction three eighths ⅜
215D	5 8	Shift AltGr 6	vulgar fraction five eighths ⅝
215E	7 8	Shift AltGr 7	vulgar fraction seven eighths ⅞

Arrow symbols

Table 10: Arrow symbols

Ctrl Shift U	Compose	may work	glyph
2190	< -	AltGr Z	←
2191		Shift AltGr U	↑
2192	- >	AltGr I	→
2193		AltGr U	↓
2194			↔
2195			↕

Ctrl Shift U	Compose	may work	glyph
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
3B1	g a	Greek small letter alpha α
3B2	g b	Greek small letter beta β
3B3	g g	Greek small letter gamma γ
3B4	g d	Greek small letter delta δ
3B5	g e	Greek small letter epsilon ε
3B6	g z	Greek small letter zeta ζ
3B7	g h	Greek small letter eta η
3B8	g 8	Greek small letter theta θ
3B9	g i	Greek small letter iota ι
3BA	g k	Greek small letter kappa κ
3BB	g l	Greek small letter lambda λ
3BC	g m	Greek small letter mu μ
3BD	g n	Greek small letter nu ν
3BE	g x	Greek small letter xi ξ
3BF	g o	Greek small letter omicron ο
3C0	g p	Greek small letter pi π, math constant $\pi = \frac{C}{D} = 3.141592...$, but you might be better of with τ
3C1	g r	Greek small letter rho ρ
3C2	g 5	Greek small letter final sigma ς
3C3	g s	Greek small letter sigma σ
3C4	g t	Greek small letter tau τ, math constant $\tau = \frac{C}{r} = 6.283185...$
3C5	g y	Greek small letter upsilon υ
3C6	g f	Greek small letter phi φ
3C7	g c	Greek small letter chi χ
3C8	g u	Greek small letter psi ψ
3C9	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
391	⎡G⎦ ⎡A⎦	Greek capital letter alpha A
392	⎡G⎦ ⎡B⎦	Greek capital letter beta B
393	⎡G⎦ ⎡G⎦	Greek capital letter gamma Γ
394	⎡G⎦ ⎡D⎦	Greek capital letter delta Δ
395	⎡G⎦ ⎡E⎦	Greek capital letter epsilon E
396	⎡G⎦ ⎡Z⎦	Greek capital letter zeta Z
397	⎡G⎦ ⎡H⎦	Greek capital letter eta H
398	⎡g⎦ ⎡8⎦	Greek capital letter theta Θ
399	⎡g⎦ ⎡I⎦	Greek capital letter iota I
39A	⎡g⎦ ⎡K⎦	Greek capital letter kappa K
39B	⎡g⎦ ⎡L⎦	Greek capital letter lambda Λ
39C	⎡g⎦ ⎡M⎦	Greek capital letter mu M
39D	⎡g⎦ ⎡N⎦	Greek capital letter nu N
39E	⎡g⎦ ⎡X⎦	Greek capital letter xi Ξ
39F	⎡g⎦ ⎡O⎦	Greek capital letter omicron O
3A0	⎡g⎦ ⎡P⎦	Greek capital letter pi Π
3A1	⎡g⎦ ⎡R⎦	Greek capital letter rho P
3A3	⎡g⎦ ⎡S⎦	Greek capital letter sigma Σ
3A4	⎡g⎦ ⎡T⎦	Greek capital letter tau T
3A5	⎡g⎦ ⎡Y⎦	Greek capital letter upsilon Y
3A6	⎡g⎦ ⎡F⎦	Greek capital letter phi Φ
3A7	⎡g⎦ ⎡C⎦	Greek capital letter chi X
3A8	⎡g⎦ ⎡U⎦	Greek capital letter psi Ψ
3A9	⎡g⎦ ⎡W⎦	Greek capital letter omega Ω ⎡Shift⎦ ⎡AltGr⎦ ⎡Q⎦ may work also. Please note, the unit ohm 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
EB	e "	AltGr { + e AltGr Ü + e	Latin small letter ë with diæresis
EF	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
A9	o c	Shift AltGr C	copyright sign ©
AE	o r	Shift AltGr R	registered sign ®
2122	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
20AC	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.