HTML Special Characters

This page contains a list of HTML special characters. In HTML, special characters are typically those that can't be easily typed into a keyboard or may cause display issues if typed or pasted into a web page.

If you plan to use any of the special characters on this page, you should use either the HTML entity name or the HTML entity number. This will ensure that it displays correctly in most/all browsers.

For example, if you want to display a copyright symbol "©", you should use either `©` or `©` in your code.

HTML Reserved Characters

The following special characters are reserved in HTML. That is because these are the characters that make up the HTML language. If you use one of these characters in an article, the browser will try to interpret it as HTML. Therefore, you should use the entity name or entity number when you want to output any of these reserved characters.

Character	Entity Number	Entity Name	Description
"	"	"	quotation mark
'	'	'	apostrophe
&	&	&	ampersand
<	<	<	less-than
>	>	>	greater-than

General HTML Symbols

Character	HTML Entity Number	HTML Entity Name	Description
Œ	Œ	Œ	capital ligature OE
œ	œ	œ	small ligature oe
Š	Š	Š	capital S with caron
š	š	š	small S with caron
Ÿ	Ÿ	Ÿ	capital Y with diaeres

ƒ	ƒ	ƒ	f with hook
ˆ	ˆ	ˆ	modifier letter circumflex accent
˜	˜	˜	small tilde
			en space
			em space
			thin space
	‌	‌	zero width non-joiner
	‍	‍	zero width joiner
	‎	‎	left-to-right mark
	‏	‏	right-to-left mark
–	–	–	en dash
—	—	—	em dash
'	‘	‘	left single quotation mark
'	’	’	right single quotation mark
‚	‚	‚	single low-9 quotation mark
"	“	“	left double quotation mark
"	”	”	right double quotation mark
„	„	„	double low-9 quotation mark
†	†	†	dagger
‡	‡	‡	double dagger
•	•	•	bullet
…	…	…	horizontal ellipsis
‰	‰	‰	per mille
′	′	′	minutes
″	″	″	seconds
‹	‹	‹	single left angle quotation
›	›	›	single right angle quotation
‾	‾	‾	overline
€	€	€	euro
™	™	™	trademark

←	←	←	left arrow
↑	↑	↑	up arrow
→	→	→	right arrow
↓	↓	↓	down arrow
↔	↔	↔	left right arrow
↵	↵	↵	carriage return arrow
⌈	⌈	⌈	left ceiling
⌉	⌉	⌉	right ceiling
⌊	⌊	⌊	left floor
⌋	⌋	⌋	right floor
◊	◊	◊	lozenge
♠	♠	♠	spade
♣	♣	♣	club
♥	♥	♥	heart
♦	♦	♦	diamond

Mathematical Symbols

Symbol	HTML Entity Number	HTML Entity Name	Description
∀	∀	∀	for all
∂	∂	∂	part
∃	∃	∃	exists
∅	∅	∅	empty
∇	∇	∇	nabla
∈	∈	∈	isin
∉	∉	∉	notin
∋	∋	∋	ni
∏	∏	∏	prod
∑	∑	∑	sum
−	−	−	minus
∗	∗	∗	lowast

√	√	√	square root
∝	∝	∝	proportional to
∞	∞	∞	infinity
∠	∠	∠	angle
∧	∧	∧	and
∨	∨	∨	or
∩	∩	∩	cap
∪	∪	∪	cup
∫	∫	∫	integral
∴	∴	∴	therefore
~	∼	∼	similar to
≅	≅	≅	congruent to
≈	≈	≈	almost equal
≠	≠	≠	not equal
≡	≡	≡	equivalent
≤	≤	≤	less or equal
≥	≥	≥	greater or equal
⊂	⊂	⊂	subset of
⊃	⊃	⊃	superset of
⊄	⊄	⊄	not subset of
⊆	⊆	⊆	subset or equal
⊇	⊇	⊇	superset or equal
⊕	⊕	⊕	circled plus
⊗	⊗	⊗	circled times
⊥	⊥	⊥	perpendicular
·	⋅	⋅	dot operator

Greek Characters

Greek Letter	HTML Entity Number	HTML Entity Name	Description
Α	Α	Α	Alpha

Β	Β	Β	Beta
Γ	Γ	Γ	Gamma
Δ	Δ	Δ	Delta
Ε	Ε	Ε	Epsilon
Ζ	Ζ	Ζ	Zeta
Η	Η	Η	Eta
Θ	Θ	Θ	Theta
Ι	Ι	Ι	Iota
Κ	Κ	Κ	Kappa
Λ	Λ	Λ	Lambda
Μ	Μ	Μ	Mu
Ν	Ν	Ν	Nu
Ξ	Ξ	Ξ	Xi
Ο	Ο	Ο	Omicron
Π	Π	Π	Pi
Ρ	Ρ	Ρ	Rho
	undefined		Sigmaf
Σ	Σ	Σ	Sigma
Τ	Τ	Τ	Tau
Υ	Υ	Υ	Upsilon
Φ	Φ	Φ	Phi
Χ	Χ	Χ	Chi
Ψ	Ψ	Ψ	Psi
Ω	Ω	Ω	Omega
α	α	α	alpha
β	β	β	beta
γ	γ	γ	gamma
δ	δ	δ	delta
ε	ε	ε	epsilon
ζ	ζ	ζ	zeta

η	η	η	eta
θ	θ	θ	theta
ι	ι	ι	iota
κ	κ	κ	kappa
λ	λ	λ	lambda
μ	μ	μ	mu
ν	ν	ν	nu
ξ	ξ	ξ	xi
ο	ο	ο	omicron
π	π	π	pi
ρ	ρ	ρ	rho
ς	ς	ς	sigmaf
σ	σ	σ	sigma
τ	τ	τ	tau
υ	υ	υ	upsilon
φ	φ	φ	phi
χ	χ	χ	chi
ψ	ψ	ψ	psi
ω	ω	ω	omega
ϑ	ϑ	ϑ	theta symbol
ϒ	ϒ	ϒ	upsilon symbol
ϖ	ϖ	ϖ	pi symbol

ISO 8859-1 Characters

The following table displays the ISO 8859-1 characters.

Character/Glyph	HTML Entity Number	HTML Entity Name	Description
À	À	À	capital a, grave accent
Á	Á	Á	capital a, acute accent
Â	Â	Â	capital a, circumflex accent

Ã	Ã	Ã	capital a, tilde
Ä	Ä	Ä	capital a, umlaut mark
Å	Å	Å	capital a, ring
Æ	Æ	Æ	capital ae
Ç	Ç	Ç	capital c, cedilla
È	È	È	capital e, grave accent
É	É	É	capital e, acute accent
Ê	Ê	Ê	capital e, circumflex accent
Ë	Ë	Ë	capital e, umlaut mark
Ì	Ì	Ì	capital i, grave accent
Í	Í	Í	capital i, acute accent
Î	Î	Î	capital i, circumflex accent
Ï	Ï	Ï	capital i, umlaut mark
Ð	Ð	Ð	capital eth, Icelandic
Ñ	Ñ	Ñ	capital n, tilde
Ò	Ò	Ò	capital o, grave accent
Ó	Ó	Ó	capital o, acute accent
Ô	Ô	Ô	capital o, circumflex accent
Õ	Õ	Õ	capital o, tilde
Ö	Ö	Ö	capital o, umlaut mark
Ø	Ø	Ø	capital o, slash
Ù	Ù	Ù	capital u, grave accent
Ú	Ú	Ú	capital u, acute accent
Û	Û	Û	capital u, circumflex accent
Ü	Ü	Ü	capital u, umlaut mark
Ý	Ý	Ý	capital y, acute accent
Þ	Þ	Þ	capital THORN, Icelandic
ß	ß	ß	small sharp s, German
à	à	à	small a, grave accent
á	á	á	small a, acute accent

â	â	â	small a, circumflex accent
ã	ã	ã	small a, tilde
ä	ä	ä	small a, umlaut mark
å	å	å	small a, ring
æ	æ	æ	small ae
ç	ç	ç	small c, cedilla
è	è	è	small e, grave accent
é	é	é	small e, acute accent
ê	ê	ê	small e, circumflex accent
ë	ë	ë	small e, umlaut mark
ì	ì	ì	small i, grave accent
í	í	í	small i, acute accent
î	î	î	small i, circumflex accent
ï	ï	ï	small i, umlaut mark
ð	ð	ð	small eth, Icelandic
ñ	ñ	ñ	small n, tilde
ò	ò	ò	small o, grave accent
ó	ó	ó	small o, acute accent
ô	ô	ô	small o, circumflex accent
õ	õ	õ	small o, tilde
ö	ö	ö	small o, umlaut mark
ø	ø	ø	small o, slash
ù	ù	ù	small u, grave accent
ú	ú	ú	small u, acute accent
û	û	û	small u, circumflex accent
ü	ü	ü	small u, umlaut mark
ý	ý	ý	small y, acute accent
þ	þ	þ	small thorn, Icelandic
ÿ	ÿ	ÿ	small y, umlaut mark

ISO 8859-1 Symbols

The following table contains ISO 8859-1 symbols that you might find useful when coding web pages.

Character/Glyph	HTML Entity Number	HTML Entity Name	Description
			non-breaking space
¡	¡	¡	inverted exclamation mark
¢	¢	¢	cent
£	£	£	pound
¤	¤	¤	currency
¥	¥	¥	yen
¦	¦	¦	broken vertical bar
§	§	§	section
¨	¨	¨	spacing diaeresis
©	©	©	copyright
ª	ª	ª	feminine ordinal indicator
«	«	«	angle quotation mark (left)
¬	¬	¬	negation
	­	­	soft hyphen
®	®	®	registered trademark
¯	¯	¯	spacing macron
°	°	°	degree
±	±	±	plus-or-minus
²	²	²	superscript 2
³	³	³	superscript 3
´	´	´	spacing acute
µ	µ	µ	micro
¶	¶	¶	paragraph
·	·	·	middle dot
¸	¸	¸	spacing cedilla
¹	¹	¹	superscript 1

º	º	º	masculine ordinal indicator
»	»	»	angle quotation mark (right)
¼	¼	¼	fraction 1/4
½	½	½	fraction 1/2
¾	¾	¾	fraction 3/4
¿	¿	¿	inverted question mark
×	×	×	multiplication
÷	÷	÷	division