



Formatters

JSON Formatter
HTML Formatter
XML Formatter
SQL Formatter
Batch Formatter (new!)

Validators

JSON Validator
HTML Validator
XML Validator - XSD
XPath Tester
Credit Card Number Generator & Validator
Regular Expression Tester
Java Regular Expression Tester
Cron Expression Generator - Quartz

Encoders & Decoders

Url Encoder & Decoder
Base 64 Encoder & Decoder
QR Code Generator

Code Minifiers / Beautifier

JavaScript Beautifier
CSS Beautifier
JavaScript Minifier
CSS Minifier

Converters

XSD Generator
XSLT (XSL Transformer)
XML to JSON Converter
JSON to XML Converter
CSV to XML Converter
CSV to JSON Converter
Epoch Timestamp To Date

Cryptography & Security

Message Digester (MD5, SHA-256, SHA-512)
HMAC Generator
MD5 Generator
SHA-256 Generator
SHA-512 Generator

String Escaper & Utilities

String Utilities
HTML Escape
XML Escape
Java and .Net Escape
JavaScript Escape
JSON Escape
CSV Escape
SQL Escape

Web Resources

Lorem Ipsum Generator
LESS Compiler
List of MIME types
HTML Entities
Url Parser / Query String Splitter
ISO country list - HTML select snippet
USA state list - HTML select snippet
Canada province list - HTML select snippet
Mexico state list - HTML select snippet
Time zone list - HTML select snippet



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HTML Entity List

Complete list of HTML entities with their numbers and names. Also included is a full list of ASCII characters that can be represented in HTML (i.e. printable characters).

- [ASCII Characters](#)
- [ISO 8859-1 Characters](#)
- [ISO 8859-1 Symbols](#)
- [Math Symbols](#)
- [Greek Letters](#)
- [Miscellaneous HTML entities](#)

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ASCII Characters (Printable)

Only printable characters are displayed as control characters (0-31) shouldn't be present in HTML pages since they have no visual representations.

Character	Entity Name	Entity Number	Description
		 	Space
!		!	Exclamation mark
"		"	Quotation mark
#		#	Number sign
\$		$	Dollar sign
%		%	Percent sign
&	&	&	Ampersand
'		'	Apostrophe
((Opening/Left Parenthesis
))	Closing/Right Parenthesis
*		*	Asterisk
+		+	Plus sign
,		,	Comma
-		-	Hyphen
.		.	Period
/		/	Slash
0		0	Digit 0
1		1	Digit 1
2		2	Digit 2
3		3	Digit 3
4		4	Digit 4
5		5	Digit 5
6		6	Digit 6
7		7	Digit 7
8		8	Digit 8
9		9	Digit 9
:		:	Colon
;		;	Semicolon
<	<	<	Less-than
=		=	Equals sign
>	>	>	Greater than
?		?	Question mark
@		@	At sign
A		A	Uppercase A

Character	Entity Name	Entity Number	Description
B		B	Uppercase B
C		C	Uppercase C
D		D	Uppercase D
E		E	Uppercase E
F		F	Uppercase F
G		G	Uppercase G
H		H	Uppercase H
I		I	Uppercase I
J		J	Uppercase J
K		K	Uppercase K
L		L	Uppercase L
M		M	Uppercase M
N		N	Uppercase N
O		O	Uppercase O
P		P	Uppercase P
Q		Q	Uppercase Q
R		R	Uppercase R
S		S	Uppercase S
T		T	Uppercase T
U		U	Uppercase U
V		V	Uppercase V
W		W	Uppercase W
X		X	Uppercase X
Y		Y	Uppercase Y
Z		Z	Uppercase Z
[[Opening/Left square bracket
\		\	Backslash
]]	Closing/Right square bracket
^		^	Caret
_		_	Underscore
`		`	Grave accent
a		a	Lowercase a
b		b	Lowercase b
c		c	Lowercase c
d		d	Lowercase d
e		e	Lowercase e
f		f	Lowercase f
g		g	Lowercase g
h		h	Lowercase h
i		i	Lowercase i
j		j	Lowercase j
k		k	Lowercase k
l		l	Lowercase l
m		m	Lowercase m
n		n	Lowercase n
o		o	Lowercase o
p		p	Lowercase p
q		q	Lowercase q
r		r	Lowercase r
s		s	Lowercase s
t		t	Lowercase t
u		u	Lowercase u

Character	Entity Name	Entity Number	Description
v		v	Lowercase v
w		w	Lowercase w
x		x	Lowercase x
y		y	Lowercase y
z		z	Lowercase z
{		{	Opening/Left curly brace
		|	Vertical bar
}		}	Closing/Right curly brace
~		~	Tilde

ISO-8859-1 Characters

Full list of supported ISO-8859-1 characters. Notice that the names are case sensitive, hence if you want an uppercase letter, the name should also start with an uppercase letter.

Character	Entity Name	Entity Number	Description
À	À	À	Capital a with grave accent
Á	Á	Á	Capital a with acute accent
Â	Â	Â	Capital a with circumflex accent
Ã	Ã	Ã	Capital a with tilde
Ä	Ä	Ä	Capital a with umlaut
Å	Å	Å	Capital a with ring
Æ	Æ	Æ	Capital ae
Ç	Ç	Ç	Capital c with cedilla
È	È	È	Capital e with grave accent
É	É	É	Capital e with acute accent
Ê	Ê	Ê	Capital e with circumflex accent
Ë	Ë	Ë	Capital e with umlaut
Ì	Ì	Ì	Capital i with grave accent
Í	Í	Í	Capital i with accute accent
Î	Î	Î	Capital i with circumflex accent
Ï	Ï	Ï	Capital i with umlaut
Ð	Ð	Ð	Capital eth (Icelandic)
Ñ	Ñ	Ñ	Capital n with tilde
Ò	Ò	Ò	Capital o with grave accent
Ó	Ó	Ó	Capital o with accute accent
Ô	Ô	Ô	Capital o with circumflex accent
Õ	Õ	Õ	Capital o with tilde
Ö	Ö	Ö	Capital o with umlaut
Ø	Ø	Ø	Capital o with slash
Ù	Ù	Ù	Capital u with grave accent
Ú	Ú	Ú	Capital u with acute accent
Û	Û	Û	Capital u with circumflex accent
Ü	Ü	Ü	Capital u with umlaut
Ý	Ý	Ý	Capital y with acute accent
Þ	Þ	Þ	Capital thorn (Icelandic)
ß	ß	ß	Lowercase sharp s (German)
à	à	à	Lowercase a with grave accent
á	á	á	Lowercase a with acute accent
â	â	â	Lowercase a with circumflex accent
ã	ã	ã	Lowercase a with tilde
ä	ä	ä	Lowercase a with umlaut
å	å	å	Lowercase a with ring

Character æ	Entity Name æ	Entity Number æ	Description Lowercase ae
ç	ç	ç	Lowercase c with cedilla
è	è	è	Lowercase e with grave accent
é	é	é	Lowercase e with acute accent
ê	ê	ê	Lowercase e with circumflex accent
ë	ë	ë	Lowercase e with umlaut
ì	ì	ì	Lowercase i with grave accent
í	í	í	Lowercase i with acute accent
î	î	î	Lowercase i with circumflex accent
ï	ï	ï	Lowercase i with umlaut
ð	ð	ð	Lowercase eth (Icelandic)
ñ	ñ	ñ	Lowercase n with tilde
ò	ò	ò	Lowercase o with grave accent
ó	ó	ó	Lowercase o with acute accent
ô	ô	ô	Lowercase o with circumflex accent
õ	õ	õ	Lowercase o with tilde
ö	ö	ö	Lowercase o with umlaut
ø	ø	ø	Lowercase o with slash
ù	ù	ù	Lowercase u with grave accent
ú	ú	ú	Lowercase u with acute accent
û	û	û	Lowercase u with circumflex accent
ü	ü	ü	Lowercase u with umlaut
ý	ý	ý	Lowercase y with acute accent
þ	þ	þ	Lowercase thorn (Icelandic)
ÿ	ÿ	ÿ	Lowercase y with umlaut

ISO-8859-1 Symbols

Full list of supported ISO-8859-1 symbols in HTML.

Symbol	Entity Name	Entity Number	Description
	 	 	Non-breaking space
¡	¡	¡	Inverted exclamation mark
¢	¢	¢	Cent
£	£	£	Pound
¤	¤	¤	Currency
¥	¥	¥	Yen
¦	¦	¦	Broken vertical bar
§	§	§	Section
¨	¨	¨	Spacing diaeresis
©	©	©	Copyright
ª	ª	ª	Feminine ordinal indicator
«	«	«	Opening/Left angle quotation mark
¬	¬	¬	Negation
	­	­	Soft hyphen
®	®	®	Registered trademark
ˆ	¯	¯	Spacing macron
°	°	°	Degree
±	±	±	Plus or minus
²	²	²	Superscript 2
³	³	³	Superscript 3
´	´	´	Spacing acute
µ	µ	µ	Micro

Symbol ¶	Entity Name ¶	Entity Number ¶	Description Paragraph
¸	¸	¸	Spacing cedilla
¹	¹	¹	Superscript 1
º	º	º	Masculine ordinal indicator
»	»	»	Closing/Right angle quotation mark
¼	¼	¼	Fraction 1/4
½	½	½	Fraction 1/2
¾	¾	¾	Fraction 3/4
¿	?	¿	Inverted question mark
×	×	×	Multiplication
÷	÷	÷	Divide

Math Symbols

Full list of all supported math symbols in HTML.

Symbol	Entity Name	Entity Number	Description
∀	∀	∀	For all
∂	∂	∂	Part
∃	∃	∃	Exist
∅	∅	∅	Empty
∇	∇	∇	Nabla
∈	∈	∈	Is in
∉	∉	∉	Not in
∋	∋	∋	Ni
∏	∏	∏	Product
∑	∑	∑	Sum
−	−	−	Minus
*	∗	∗	Asterisk (Lowast)
√	√	√	Square root
∝	∝	∝	Proportional to
∞	∞	∞	Infinity
∠	∠	∠	Angle
∧	∧	∧	And
∨	∨	∨	Or
⋐	∩	∩	Cap
⋑	∪	∪	Cup
∫	∫	∫	Integral
∴	∴	∴	Therefore
∼	∼	∼	Similar to
≡	≅	≅	Congurent 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

Symbol ⊥	Entity Name ⊥	Entity Number ⊥	Description Perpendicular
•	⋅	⋅	Dot operator

Greek Letters

Full list of all supported greek letters in HTML.

Letter	Entity Name	Entity Number	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
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	&lambd;	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

Letter	Entity Name	Entity Number	Description
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

Miscellaneous HTML entities

List of miscellaneous HTML entities.

Symbol	Entity Name	Entity Number	Description
Œ	Œ	Œ	Uppercase ligature OE
œ	œ	œ	Lowercase ligature OE
Š	Š	Š	Uppercase S with caron
š	š	š	Lowercase S with caron
Ÿ	Ÿ	Ÿ	Capital Y with diaeres
ƒ	ƒ	ƒ	Lowercase with hook
^	ˆ	ˆ	Circumflex accent
~	˜	˜	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 (Degrees)
″	″	″	Seconds (Degrees)
◁	‹	‹	Single left angle quotation
▷	›	›	Single right angle quotation
—	‾	‾	Overline
€	€	€	Euro
™	™	™	Trademark
←	←	←	Left arrow
↑	↑	↑	Up arrow
→	→	→	Right arrow
↓	↓	↓	Down arrow
↔	↔	↔	Left right arrow

Symbol	Entity Name	Entity Number	Description
↵	⌈	⌈	Left ceiling
↶	⌉	⌉	Right ceiling
⌋	⌊	⌊	Left floor
⌋	⌋	⌋	Right floor
◊	◊	◊	Lozenge
♠	♠	♠	Spade
♣	♣	♣	Club
♥	♥	♥	Heart
♦	♦	♦	Diamond