

Formatters

- JSON Formatter
- HTML Formatter
- XML Formatter
- SQL Formatter

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
- i18n - Formatting standards & code snippets
- ISO country list - HTML select snippet
- USA state list - HTML select snippet

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

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

Mexico state list - HTML select snippet
Time zone list - HTML select snippet

>	>	>	Greater than
?		?	Question mark
@		@	At sign
A		A	Uppercase A
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
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 acute 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 acute 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
æ	æ	æ	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
—	¯	¯	Spacing macron
°	°	°	Degree
±	±	±	Plus or minus
²	²	²	Superscript 2
³	³	³	Superscript 3
´	´	´	Spacing acute
µ	µ	µ	Micro
¶	¶	¶	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.

FREEFORMATTER.COM	Contact			
	∀	∀	∀	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
	⊥	⊥	⊥	Perpendicular
	·	⋅	⋅	Dot operator

Greek Letters

Full list of all supported greek letters in HTML.

Letter	Entity Name	Entity Number	Description
--------	-------------	---------------	-------------

A	Α	Α	Alpha
B	Β	Β	Beta
Γ	Γ	Γ	Gamma
Δ	Δ	Δ	Delta
E	Ε	Ε	Epsilon
Z	Ζ	Ζ	Zeta
H	Η	Η	Eta
Θ	Θ	Θ	Theta
I	Ι	Ι	Iota
K	Κ	Κ	Kappa
Λ	Λ	Λ	Lambda
M	Μ	Μ	Mu
N	Ν	Ν	Nu
Ξ	Ξ	Ξ	Xi
O	Ο	Ο	Omicron
Π	Π	Π	Pi
P	Ρ	Ρ	Rho
Σ	Σ	Σ	Sigma
T	Τ	Τ	Tau
Υ	Υ	Υ	Upsilon
Φ	Φ	Φ	Phi
X	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
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

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
f	ƒ	ƒ	Lowercase with hook
ˆ	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
‘	&lquo;	‘	Left single quotation mark
’	&rquo;	’	Right single quotation mark
,	‚	‚	Single low-9 quotation mark
“	&lquo;	“	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)
◀	&lquo;	‹	Single left angle quotation
▶	&rquo;	›	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