



# HTML Characters Entities cheatsheet

This cheatsheet is a 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.

## # HTML Character Entity References

HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)	HTML Special Characters
&quot;	"	&#34;	quotation mark	u+0022 ISONum	\0022	\42	
&num;	#	&#35;	number sign	u+0023 ISONum	\0023	\43	
&dollar;	\$	&#36;	dollar sign	u+0024 ISONum	\0024	\44	
&percnt;	%	&#37;	percent sign	u+0025 ISONum	\0025	\45	
&amp;	&	&#38;	ampersand	u+0026 ISONum	\0026	\46	
&apos;	'	&#39;	apostrophe	u+0027 ISONum	\0027	\47	
&lpar;	(	&#40;	left parenthesis	u+0028 ISONum	\0028	\50	
&rpar;	)	&#41;	right parenthesis	u+0029 ISONum	\0029	\51	
&ast;	*	&#42;	asterisk	u+002A ISONum	\002a	\52	
&plus;	+	&#43;	plus sign	u+002B ISONum	\002b	\53	
&comma;	,	&#44;	comma	u+002C ISONum	\002c	\54	
&minus;	-	&#45;	hyphen-minus	u+002D ISONum	\002d	\55	
&period;	.	&#46;	full stop; period	u+002E ISONum	\002e	\56	
&sol;	/	&#47;	solidus; slash	u+002F ISONum	\002f	\57	
&colon;	:	&#58;	colon	u+003A ISONum	\003a	\72	
&semi;	;	&#59;	semicolon	u+003B ISONum	\003b	\73	
&lt;	<	&#60;	less-than	u+003C ISONum	\003c	\74	
&equals;	=	&#61;	equals	u+003D ISONum	\003d	\75	
&gt;	>	&#62;	greater-than sign	u+003E ISONum	\003e	\76	
&quest;	?	&#63;	question mark	u+003F ISONum	\003f	\77	
&commat;	@	&#64;	at sign; commercial at	u+0040 ISONum	\0040	\100	
&lsqb;	[	&#91;	left square bracket	u+005B ISONum	\005b	\133	
&bsol;	\	&#92;	backslash	u+005C ISONum	\005c	\134	
&rsqb;	]	&#93;	right square bracket	u+005D ISONum	\005d	\135	
&Hat;	^	&#94;	circumflex accent	u+005E ISONum	\005e	\136	
&lowbar;	_	&#95;	low line	u+005F ISONum	\005f	\137	
&grave;	`	&#96;	grave accent	u+0060 ISONum	\0060	\u0060	
&lcurb;	{	&#123;	left curly bracket	u+007b ISONum	\007b	\173	
&verbar;		&#124;	vertical bar	u+007c ISONum	\007c	\174	
&rcurb;	}	&#125;	right curly bracket	u+007d ISONum	\007d	\175	
	~	&#126;	tilde	u+007e ISONum	\007e	\176	

HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)	HTML Latin
&nbsp;		&#160;	no-break space	%A0	\00a0	\240	
&excl;	!	&#161;	inverted exclamation mark	%A1	\00a1	\241	
&cent;	¢	&#162;	cent sign	%A2	\00a2	\242	
&pound;	£	&#163;	pound sterling sign	%A3	\00a3	\243	

&curren;	¤	;¤	general currency sign	%A4	\00a4	\244
&yen;	¥	;¥	yen sign	%A5	\00a5	\245
&#x20B9;	₹	;₹	Indian Rupee (INR) sign	U+20B9	\20B9	\u20B9
&brvbar;		;¦	broken (vertical) bar	%A6	\00a6	\246
&sect;	§	;§	section sign	%A7	\00a7	\247
&uml;	�	;¨	umlaut (dieresis)	%A8	\00a8	\250
&copy;	©	;©	copyright sign	%A9	\00a9	\251
&ordf;	ª	;ª	ordinal indicator, feminine	%AA	\00aa	\252
&laquo;	«	;«	angle quotation mark, left	%AB	\00ab	\253
&not;	¬	;¬	not sign	%AC	\00ac	\254
&shy;		;­	soft hyphen	%AD	\00ad	\255
&reg;	®	;®	registered sign	%AE	\00ae	\256
&macr;	¯	;¯	macron	%AF	\00af	\257
&deg;	°	;°	degree sign	%B0	\00b0	\260
&plusmn;	±	;±	plus-or-minus sign	%B1	\00b1	\261
&sup2;	²	;²	superscript two	%B2	\00b2	\262
&sup3;	³	;³	superscript three	%B3	\00b3	\263
&acute;	‘	;´	acute accent	%B4	\00b4	\264
&micro;	µ	;µ	micro sign	%B5	\00b5	\265
&para;	¶	;¶	pilcrow (paragraph sign)	%B6	\00b6	\266
&middot;	·	;·	middle dot	%B7	\00b7	\267
&cedil;	,	;¸	cedilla	%B8	\00b8	\270
&sup1;	¹	;¹	superscript one	%B9	\00b9	\271
&ordm;	º	;º	ordinal indicator, masculine	%BA	\00ba	\272
&raquo;	»	;»	angle quotation mark, right	%BB	\00bb	\273
&frac14;	¼	;¼	fraction one-quarter	%BC	\00bc	\274
&frac12;	½	;½	fraction one-half	%BD	\00bd	\275
&frac34;	¾	;¾	fraction three-quarters	%BE	\00be	\276
&iquest;	¿	;¿	inverted question mark	%BF	\00bf	\277
&Agrave;	À	;À	capital A, grave accent	%C0	\00c0	\300
&Aacute;	Á	;Á	capital A, acute accent	%C1	\00c1	\301
&Acirc;	Â	;Â	capital A, circumflex accent	%C2	\00c2	\302
&Atilde;	Ã	;Ã	capital A, tilde	%C3	\00c3	\303
&Auml;	Ä	;Ä	capital A, dieresis or umlaut mark	%C4	\00c4	\304
&Aring;	Å	;Å	capital A, ring	%C5	\00c5	\305
&AElig;	Æ	;Æ	capital AE diphthong (ligature)	%C6	\00c6	\306
&Ccedil;	Ҫ	;Ç	capital C, cedilla	%C7	\00c7	\307
&Egrave;	È	;È	capital E, grave accent	%C8	\00c8	\310
&Eacute;	É	;É	capital E, acute accent	%C9	\00c9	\311
&Ecirc;	Ê	;Ê	capital E, circumflex accent	%CA	\00ca	\312
&Euml;	Ë	;Ë	capital E, dieresis or umlaut mark	%CB	\00cb	\313
&Igrave;	Í	;Ì	capital I, grave accent	%CC	\00cc	\314
&Iacute;	Í	;Í	capital I, acute accent	%CD	\00cd	\315
&Icirc;	Î	;Î	capital I, circumflex accent	%CE	\00ce	\316
&Iuml;	Ï	;Ï	capital I, dieresis or umlaut mark	%CF	\00cf	\317
&ETH;	Ð	;Ð	capital Eth, Icelandic	%D0	\00d0	\320
&Ntilde;	Ñ	;Ñ	capital N, tilde	%D1	\00d1	\321
&Ograve;	Ò	;Ò	capital O, grave accent	%D2	\00d2	\322
&Oacute;	Ó	;Ó	capital O, acute accent	%D3	\00d3	\323

HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&Ocirc;	Ô	&#212;	capital O, circumflex accent	%D4	\00d4	\324
&Otilde;	Õ	&#213;	capital O, tilde	%D5	\00d5	\325
&Ouml;	Ӯ	&#214;	capital O, dieresis or umlaut mark	%D6	\00d6	\326
&times;	×	&#215;	multiply sign	%D7	\00d7	\327
&Oslash;	Ø	&#216;	capital O, slash	%D8	\00d8	\330
&Ugrave;	Ù	&#217;	capital U, grave accent	%D9	\00d9	\331
&Uacute;	Ú	&#218;	capital U, acute accent	%DA	\00da	\332
&Ucirc;	Ӹ	&#219;	capital U, circumflex accent	%DB	\00db	\333
&Uuml;	ӹ	&#220;	capital U, dieresis or umlaut mark	%DC	\00dc	\334
&Yacute;	Ý	&#221;	capital Y, acute accent	%DD	\00dd	\335
&THORN;	Þ	&#222;	capital THORN, Icelandic	%DE	\00de	\336
&szlig;	ß	&#223;	small sharp s, German (sz ligature)	%DF	\00df	\337
&agrave;	à	&#224;	small a, grave accent	%E0	\00e0	\340
&aacute;	á	&#225;	small a, acute accent	%E1	\00e1	\341
&acirc;	â	&#226;	small a, circumflex accent	%E2	\00e2	\342
&atilde;	ã	&#227;	small a, tilde	%E3	\00e3	\343
&auml;	ä	&#228;	small a, dieresis or umlaut mark	%E4	\00e4	\344
&aring;	å	&#229;	small a, ring	%E5	\00e5	\345
&aelig;	æ	&#230;	small ae diphthong (ligature)	%E6	\00e6	\346
&ccedil;	ç	&#231;	small c, cedilla	%E7	\00e7	\347
&egrave;	è	&#232;	small e, grave accent	%E8	\00e8	\350
&eacute;	é	&#233;	small e, acute accent	%E9	\00e9	\351
&ecirc;	ê	&#234;	small e, circumflex accent	%EA	\00ea	\352
&euml;	ë	&#235;	small e, dieresis or umlaut mark	%EB	\00eb	\353
&igrave;	ì	&#236;	small i, grave accent	%EC	\00ec	\354
&iacute;	í	&#237;	small i, acute accent	%ED	\00ed	\355
&icirc;	î	&#238;	small i, circumflex accent	%EE	\00ee	\356
&iuml;	ï	&#239;	small i, dieresis or umlaut mark	%EF	\00ef	\357
&eth;	ð	&#240;	small eth, Icelandic	%F0	\00f0	\360
&ntilde;	ñ	&#241;	small n, tilde	%F1	\00f1	\361
&ograve;	ò	&#242;	small o, grave accent	%F2	\00f2	\362
&oacute;	ó	&#243;	small o, acute accent	%F3	\00f3	\363
&ocirc;	ô	&#244;	small o, circumflex accent	%F4	\00f4	\364
&otilde;	õ	&#245;	small o, tilde	%F5	\00f5	\365
&ouml;	ö	&#246;	small o, dieresis or umlaut mark	%F6	\00f6	\366
&divide;	÷	&#247;	divide sign	%F7	\00f7	\367
&oslash;	ø	&#248;	small o, slash	%F8	\00f8	\370
&ugrave;	ù	&#249;	small u, grave accent	%F9	\00f9	\371
&uacute;	ú	&#250;	small u, acute accent	%FA	\00fa	\372
&ucirc;	û	&#251;	small u, circumflex accent	%FB	\00fb	\373
&uuml;	ü	&#252;	small u, dieresis or umlaut mark	%FC	\00fc	\374
&yacute;	ý	&#253;	small y, acute accent	%FD	\00fd	\375
&thorn;	þ	&#254;	small thorn, Icelandic	%FE	\00fe	\376
&yuml;	ÿ	&#255;	small y, dieresis or umlaut mark	%FF	\00ff	\377

HTML Latin Extended

HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&OElig;	Œ	&#338;	latin capital ligature oe	u+0152 ISOlat2	\0152	\u0152
&oeilig;	œ	&#339;	latin small ligature œ	u+0153 ISOlat2	\0153	\u0153

&Scaron;	Š	&#352;	latin capital letter s with caron	u+0160 ISOlat2	\0160	\u0160
&scaron;	š	&#353;	latin small letter s with caron	u+0161 ISOlat2	\0161	\u0161
&Yuml;	Ÿ	&#376;	latin capital letter y with diaeresis	u+0178 ISOlat2	\0178	\u0178
&fnof;	ƒ	&#402;	latin small f with hook	u+0192 ISotech	\0192	\u0192

HTML Spacing Modifier Letters						
HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&circ;	^		modifier letter circumflex accent	u+02C6 ISOpub	\02c6	\u02c6
&tilde;	~		small tilde	u+02DC ISodia	\02dc	\u02dc

HTML Greek						
HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&Alpha;	Α	&#913;	greek capital letter alpha	u+0391	\0391	\u0391
&Beta;	Β	&#914;	greek capital letter beta	u+0392	\0392	\u0392
&Gamma;	Γ	&#915;	greek capital letter gamma	u+0393 ISOgrk3	\0393	\u0395
&Delta;	Δ	&#916;	greek capital letter delta	u+0394 ISOgrk3	\0394	\u0394
&Epsilon;	Ε	&#917;	greek capital letter epsilon	u+0395	\0395	\u0395
&Zeta;	Ζ	&#918;	greek capital letter zeta	u+0396	\0396	\u0396
&Eta;	Η	&#919;	greek capital letter eta	u+0397	\0397	\u0397
&Theta;	Θ	&#920;	greek capital letter theta	u+0398 ISOgrk3	\0398	\u0398
&Iota;	Ι	&#921;	greek capital letter iota	u+0399	\0399	\u0399
&Kappa;	Κ	&#922;	greek capital letter kappa	u+039A	\039a	\u039a
&Lambda;	Λ	&#923;	greek capital letter lambda	u+039B ISOgrk3	\039b	\u039b
&Mu;	Μ	&#924;	greek capital letter mu	u+039C	\039c	\u039c
&Nu;	Ν	&#925;	greek capital letter nu	u+039D	\039d	\u039d
&Xi;	Ξ	&#926;	greek capital letter xi	u+039E ISOgrk3	\039e	\u039e
&Omicron;	Ο	&#927;	greek capital letter omicron	u+039F	\039f	\u039f
&Pi;	Π	&#928;	greek capital letter pi	u+03A0 ISOgrk3	\03a0	\u03a0
&Rho;	Ρ	&#929;	greek capital letter rho	u+03A1	\03a1	\u03a1
&Sigma;	Σ	&#931;	greek capital letter sigma	u+03A3 ISOgrk3	\03a3	\u03a3
&Tau;	Τ	&#932;	greek capital letter tau	u+03A4	\03a4	\u03a4
&Upsilon;	Υ	&#933;	greek capital letter upsilon	u+03A5 ISOgrk3	\03a5	\u03a5
&Phi;	Φ	&#934;	greek capital letter phi	u+03A6 ISOgrk3	\03a6	\u03a6
&Chi;	Χ	&#935;	greek capital letter chi	u+03A7	\03a7	\u03a7
&Psi;	Ψ	&#936;	greek capital letter psi	u+03A8 ISOgrk3	\03a8	\u03a8
&Omega;	Ω	&#937;	greek capital letter omega	u+03A9 ISOgrk3	\03a9	\u03a9
&alpha;	α	&#945;	greek small letter alpha	u+03B1 ISOgrk3	\03b1	\u03b1
&beta;	β	&#946;	greek small letter beta	u+03B2 ISOgrk3	\03b2	\u03b2
&gamma;	γ	&#947;	greek small letter gamma	u+03B3 ISOgrk3	\03b3	\u03b3
&delta;	δ	&#948;	greek small letter delta	u+03B4 ISOgrk3	\03b4	\u03b4
&epsilon;	ε	&#949;	greek small letter epsilon	u+03B5 ISOgrk3	\03b5	\u03b5
&zeta;	ζ	&#950;	greek small letter zeta	u+03B6 ISOgrk3	\03b6	\u03b6
&eta;	η	&#951;	greek small letter eta	u+03B7 ISOgrk3	\03b7	\u03b7
&theta;	θ	&#952;	greek small letter theta	u+03B8 ISOgrk3	\03b8	\u03b8
&iota;	ι	&#953;	greek small letter iota	u+03B9 ISOgrk3	\03b9	\u03b9
&kappa;	κ	&#954;	greek small letter kappa	u+03BA ISOgrk3	\03ba	\u03ba
&lambda;	λ	&#955;	greek small letter lambda	u+03BB ISOgrk3	\03bb	\u03bb
&mu;	μ	&#956;	greek small letter mu	u+03BC ISOgrk3	\03bc	\u03bc
&nu;	ν	&#957;	greek small letter nu	u+03BD ISOgrk3	\03bd	\u03bd
&xi;	ξ	&#958;	greek small letter xi	u+03BE ISOgrk3	\03be	\u03be

&omicron;	ο	&#959;	greek small letter omicron	u+03BF NEW	\03bf	\u03bf
&pi;	π	&#960;	greek small letter pi	u+03C0 ISOgrk3	\03c0	\u03c0
&rho;	ρ	&#961;	greek small letter rho	u+03C1 ISOgrk3	\03c1	\u03c1
&sigmaf;	ς	&#962;	greek small letter final sigma	u+03C2 ISOgrk3	\03c2	\u03c2
&sigma;	σ	&#963;	greek small letter sigma	u+03C3 ISOgrk3	\03c3	\u03c3
&tau;	τ	&#964;	greek small letter tau	u+03C4 ISOgrk3	\03c4	\u03c4
&upsilon;	υ	&#965;	greek small letter upsilon	u+03C5 ISOgrk3	\03c5	\u03c5
&phi;	φ	&#966;	greek small letter phi	u+03C6 ISOgrk3	\03c6	\u03c6
&chi;	χ	&#967;	greek small letter chi	u+03C7 ISOgrk3	\03c7	\u03c7
&psi;	ψ	&#968;	greek small letter psi	u+03C8 ISOgrk3	\03c8	\u03c8
&omega;	ω	&#969;	greek small letter omega	u+03C9 ISOgrk3	\03c9	\u03c9
&thetasym;	ϑ	&#977;	greek small letter theta symbol	u+03D1 NEW	\03d1	\u03d1
&upsih;	ϒ	&#978;	greek upsilon with hook symbol	u+03D2 NEW	\03d2	\u03d2
&piv;	ϖ	&#982;	greek pi symbol	u+03D6 ISOgrk3	\03d6	\u03d6

HTML Punctuation						
HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&nbsp;		&#8194;	en space	u+2002 ISOpub	\2002	\u2002
&emsp;		&#8195;	em space	u+2003 ISOpub	\2003	\u2003
&thinsp;		&#8201;	thin space	u+2009 ISOpub	\2009	\u2009
&zwnj;		&#8204;	zero width non-joiner	u+200C NEW RFC 2070	\200C	\u200C
&zwj;		&#8205;	zero width joiner	u+200D NEW RFC 2070	\200D	\u200d
&lrm;		&#8206;	left-to-right mark	u+200E NEW RFC 2070	\200E	\u200e
&rmlm;		&#8207;	right-to-left mark	u+200F NEW RFC 2070	\200F	\u200f
&ndash;	–	&#8211;	en dash	u+2013 ISOpub	\2013	\u2013
&mdash;	—	&#8212;	em dash	u+2014 ISOpub	\2014	\u2014
&lsquo;	‘	&#8216;	left single quotation mark	u+2018 ISOnum	\2018	\u2018
&rsquo;	’	&#8217;	right single quotation mark	u+2019 ISOnum	\2019	\u2019
&sbquo;	‘	&#8218;	single low-9 quotation mark	u+201A NEW	\201A	\u201a
&lquo;	“	&#8220;	left double quotation mark	u+201C ISOnum	\201C	\u201c
&rdquo;	”	&#8221;	right double quotation mark	u+201D ISOnum	\201D	\u201d
&bddquo;	”	&#8222;	double low-9 quotation mark	u+201E NEW	\201E	\u201e
&dagger;	†	&#8224;	dagger	u+2020 ISOpub	\2020	\u2020
&Dagger;	‡	&#8225;	double dagger	u+2021 ISOpub	\2021	\u2021
&permil;	%	&#8240;	per mille sign	u+2030 ISOtech	\2030	\u2030
&lsaquo;	<	&#8249;	single left-pointing angle quotation mark	u+2039 ISO proposed	\2039	\u2039
&rsaquo;	>	&#8250;	single right-pointing angle quotation mark	u+203A ISO proposed	\203A	\u203a
&bull;	•	&#8226;	bullet, aka. black small circle	u+2022 ISOpub	\2022	\u2219
&hellip;	...	&#8230;	horizontal ellipsis, aka three dot leader	u+2026 ISOpub	\2026	\u2026
&prime;	'	&#8242;	prime, aka minutes, aka feet	u+2032 ISOtech	\2032	\u2032
&Prime;	"	&#8243;	double prime, aka seconds, aka inches	u+2033 ISOtech	\2033	\u2033
&oline;	‐	&#8254;	overline, aka spacing overscore	u+203E NEW	\203E	\u203e
&frasl;	/	&#8260;	fraction slash	u+2044 NEW	\2044	\u2026

HTML Letter-like Symbols						
HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&weiernp;	℘	&#8472;	script capital P, aka power set, aka Weierstrass p	u+2118 ISOams0	\2118	\u2118
&image;	ⓘ	&#8465;	blackletter capital I, aka imaginary part	u+2111 ISOams0	\2111	\u2111
&real;	ⓘ	&#8476;	blackletter capital R, aka real part symbol	u+211C ISOams0	\211C	\u211c
&trade;	™	&#8482;	trade mark sign	u+2122 ISOnum	\2122	\u2122

&alefsym;	ℵ	&#8501;	alef symbol	u+2135 NEW	2135	\u
HTML Arrows						
HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&larr;	←	&#8592;	leftwards arrow	u+2190 ISONum	2190	\u2190
&uarr;	↑	&#8593;	upwards arrow	u+2191 ISONum	2191	\u2191
&rarr;	→	&#8594;	rightwards arrow	u+2192 ISONum	2192	\u2192
&darr;	↓	&#8595;	downwards arrow	u+2193 ISONum	2193	\u2193
&harr;	↔	&#8596;	left right arrow	u+2194 ISOamsa	2194	\u2194
&crarr;	↵	&#8629;	downwards arrow with corner leftwards, aka carriage return	u+21B5 NEW	21B5	\u21b5
&lArr;	⇐	&#8656;	leftwards double arrow can be used for 'is implied by'	u+21D0 ISOtech	21D0	\u21d0
&uArr;	⇑	&#8657;	upwards double arrow	u+21D1 ISOamsa	21D1	\u21d1
&rArr;	⇒	&#8658;	rightwards double arrow	u+21D2 ISOtech	21D2	\u21d2
&dArr;	⇓	&#8659;	downwards double arrow	u+21D3 ISOamsa	21D3	\u21d3
&hArr;	↔	&#8660;	left right double arrow	u+21D4 ISOamsa	21D4	\u21d4
	◀	&#9668;	black left pointing triangle	U+25C0	25C0	\u25c0
	▶	&#9658;	black right pointing triangle	u+25B6	25b6	\u25b6
	▲	&#9650;	black up pointing triangle	u+25B2	25b2	\u25b2
	▼	&#9660;	black down pointing triangle	u+25BC	25bc	\u25bc
HTML Mathematical Operators						
HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&forall;	∀	&#8704;	for all	u+2200 ISOtech	2200	\u2200
&part;	∂	&#8706;	partial differential	u+2202 ISOtech	2202	\u2202
&exist;	∃	&#8707;	there exists	u+2203 ISOtech	2203	\u2203
&empty;	∅	&#8709;	empty set, aka null set, aka diameter	u+2205 ISOamsa	2205	\u2205
&nabla;	∇	&#8711;	nabla, aka grad difference	u+2207 ISOtech	2207	\u2207
&isin;	∈	&#8712;	element of	u+2208 ISOtech	2208	\u2208
&notin;	∉	&#8713;	not an element of	u+2209 ISOtech	2209	\u2209
&ni;	∋	&#8715;	contains as member	u+220B ISOtech	220B	\u220b
&prod;	∏	&#8719;	n-ary product, aka product sign	u+220F ISOamsb	220F	\u03a0
&sum;	Σ	&#8721;	n-ary sumation	u+2211 ISOamsb	2211	\u03a3
&minus;	-	&#8722;	minus sign	u+2212 ISOtech	2212	\u2212
&lowast;	*	&#8727;	asterisk operator	u+2217 ISOtech	2217	\u2217
&radic;	√	&#8730;	square root, aka radical sign	u+221A ISOtech	221A	\u221a
&prop;	∝	&#8733;	proportional to	u+221D ISOtech	221D	\u221d
&infin;	∞	&#8734;	infinity	u+221E ISOtech	221E	\u221e
&ang;	∠	&#8736;	angle	u+2220 ISOamsa	2220	\u2220
&and;	∧	&#8869;	logical and, aka wedge	u+2227 ISOtech	2227	\u2227
&or;	∨	&#8870;	logical or, aka vee	u+2228 ISOtech	2228	\u2228
&cap;	∩	&#8745;	intersection, aka cap	u+2229 ISOtech	2229	\u2229
&cup;	∪	&#8746;	union, aka cup	u+222A ISOtech	222A	\u222a
&int;	∫	&#8747;	integral	u+222B ISOtech	222B	\u222b
&there4;	∴	&#8756;	therefore	u+2234 ISOtech	2234	\u2234
&sim;	˜	&#8764;	tilde	u+223C ISOtech	223C	\u223c
&cong;	≈	&#8773;	approximately equal to	u+2245 ISOtech	2245	\u2245
&asymp;	≈	&#8776;	almost equal to, aka asymptotic to	u+2248 ISOamsr	2248	\u2248
&ne;	≠	&#8800;	not equal to	u+2260 ISOtech	2260	\u2260
&equiv;	≡	&#8801;	identical to	u+2261 ISOtech	2261	\u2261
&le;	≤	&#8804;	less-than or equal to	u+2264 ISOtech	2264	\u2264

&ge;	$\geq$	&#8805;	greater-than or equal to	u+2265 ISOtech	\2265	\u2265
&sub;	$\subset$	&#8834;	subset of	u+2282 ISOtech	\2282	\u2282
&sup;	$\supset$	&#8835;	superset of	u+2283 ISOtech	\2283	\u2283
&nsub;	$\not\subset$	&#8836;	not a subset of	u+2284 ISOamsn	\2284	\u2284
&sube;	$\subseteq$	&#8838;	subset of or equal to	u+2286 ISOtech	\2286	\u2286
&supe;	$\supseteq$	&#8839;	superset of or equal to	u+2287 ISOtech	\2287	\u2287
&oplus;	$\oplus$	&#8853;	circled plus, aka direct sum	u+2295 ISOamsb	\2295	\u2295
&otimes;	$\otimes$	&#8855;	circled times, aka vector product	u+2297 ISOamsb	\2297	\u2297
&perp;	$\perp$	&#8869;	up tack	u+22A5 ISOtech	\22A5	\u22a5
&sdot;	$\cdot$	&#8901;	dot operator	u+22C5 ISOamsb	\22C5	\u22c5

HTML Technical						
HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&lceil;	[	&#8968;	left ceiling, aka apl upstile	u+2308 ISOamsc	\2308	\u2308
&rceil;	]	&#8969;	right ceiling	u+2309 ISOamsc	\2309	\u2309
&lfloor;	[	&#8970;	left floor, aka apl downstile	u+230A ISOamsc	\230A	\u230a
&rfloor;	]	&#8971;	right floor	u+230B ISOamsc	\230B	\u230b
&lang;	<	&#9001;	left-pointing angle bracket	u+2329 ISOtech	\2329	\u2329
&rang;	>	&#9002;	right-pointing angle bracket	u+232A ISOtech	\232A	\u232a

HTML Miscellaneous						
HTML	Symbol	Numeric	Description	Hex	CSS (ISO)	JS (Octal)
&loz;	◊	&#9674;	lozenge	u+25CA ISOpub	\25CA	\u25ca
&spades;	♠	&#9824;	black spade suit	u+2660 ISOpub	\2660	\u2660
&clubs;	♣	&#9827;	black club suit, aka shamrock	u+2663 ISOpub	\2663	\u2663
&hearts;	♥	&#9829;	black heart suit, aka valentine	u+2665 ISOpub	\2665	\u2665
&diams;	♦	&#9830;	black diamond suit	u+2666 ISOpub	\2666	\u2666

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中文版 #Notes



```
if (you.writeArticle()) {
  we.sendSsets(you) }
```

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