HOME / CODE SNIPPETS / HTML /

# **Glyphs**



Chris Coyier on May 29, 2010 (Updated on May 6, 2017)

#### **(#special-characters)** Special Characters

"	"	u	quotation mark	u+0022 ISOnum	p:before { content:"\0022"; }	alert("\42")
&	&	&	ampersand	u+0026 ISOnum	p:before { content:"\0026"; }	alert("\46")
<	<	<	less-than sign	u+003C ISOnum	p:before { content:"\003c"; }	alert("\74");
>	>	>	greater-than sign	u+003E ISOnum	p:before { content:"\003e"; }	alert("\76");

# **<u>b</u>** (#latin-1-entity-set-for-html) Latin-1 entity set for HTML

			no-break space	%A0	p:before { content:"\00a0";}	alert("\240");
¡	i	¡	inverted exclamation mark	%A1	p:before { content:"\00a1";}	alert("\241");
¢	¢	¢	cent sign	%A2	p:before { content:"\00a2";}	alert("\242");
£	£	£	pound sterling sign	%A3	p:before { content:"\00a3";}	alert("\243");
¤	¤	¤	general currency sign	%A4	p:before { content:"\00a4";}	alert("\244");
¥	¥	¥	yen sign	%A5	p:before { content:"\00a5"; }	alert("\245");
¦	1	¦	broken (vertical) bar	%A6	p:before {	alert("\246");

			Э,урло		content:"\00a6";}	
§	§	§	section sign	%A7	p:before { content:"\00a7"; }	alert("\247");
¨		¨	umlaut (dieresis)	%A8	p:before { content:"\00a8";}	alert("\250");
&сору;	©	©	copyright sign	%A9	p:before { content:"\00a9";}	alert("\251");
ª	a	ª	ordinal indicator, feminine	%AA	p:before { content:"\00aa"; }	alert("\252");
«	«	«	angle quotation mark, left	%AB	p:before { content:"\00ab"; }	alert("\253");
¬	٦	¬	not sign	%AC	p:before { content:"\00ac";}	alert("\254");
­		­	soft hyphen	%AD	p:before { content:"\00ad";}	alert("\255");
®	®	®	registered sign	%AE	p:before { content:"\00ae";}	alert("\256");
¯	-	¯	macron	%AF	p:before { content:"\00af";}	alert("\257");
°	o	°	degree sign	%B0	p:before { content:"\00b0";}	alert("\260");
±	±	±	plus-or-minus sign	%B1	p:before { content:"\00b1";}	alert("\261");
²	2	²	superscript two	%B2	p:before { content:"\00b2";}	alert("\262");
³	3	³	superscript three	%B3	p:before { content:"\00b3";}	alert("\263");
´	,	´	acute accent	%B4	p:before { content:"\00b4";}	alert("\264");
µ	μ	µ	micro sign	%B5	p:before { content:"\00b5";}	alert("\265");
¶	¶	¶	pilcrow (paragraph sign)	%B6	p:before { content:"\00b6";}	alert("\266");
·		·	middle dot	%B7	p:before { content:"\00b7";}	alert("\267");

12212021			Glypris	1 C22-111CK	KS .	
¸	5	¸	cedilla	%B8	p:before {     content:"\00b8"; }	alert("\270");
¹	1	¹	superscript one	%B9	p:before { content:"\00b9";}	alert("\271");
º	o	º	ordinal indicator, masculine	%BA	p:before { content:"\00ba"; }	alert("\272");
»	»	»	angle quotation mark, right	%BB	p:before { content:"\00bb";}	alert("\273");
¼	1/4	¼	fraction one-quarter	%BC	p:before { content:"\00bc";}	alert("\274");
½	1/2	½	fraction one-half	%BD	p:before { content:"\00bd";}	alert("\275");
¾	3/4	¾	fraction three-quarters	%BE	p:before { content:"\00be";}	alert("\276");
¿	ن	¿	inverted question mark	%BF	p:before { content:"\00bf";}	alert("\277");
À	À	À	capital A, grave accent	%Co	p:before { content:"\00c0";}	alert("\300");
Á	Á	Á	capital A, acute accent	%C1	p:before { content:"\00c1";}	alert("\301");
Â	Â	Â	capital A, circumflex accent	%C2	p:before { content:"\00c2";}	alert("\302");
Ã	Ã	Ã	capital A, tilde	%C3	p:before { content:"\00c3";}	alert("\303");
Ä	Ä	Ä	capital A, dieresis or umlaut mark	%C4	p:before { content:"\00c4";}	alert("\304");
Å	Å	Å	capital A, ring	%C5	p:before { content:"\00c5";}	alert("\305");
Æ	Æ	Æ	capital AE diphthong (ligature)	%C6	p:before { content:"\00c6";}	alert("\306");
Ç	Ç	Ç	capital C, cedilla	%C7	p:before { content:"\00c7"; }	alert("\307");
È	È	È	capital E, grave accent	%C8	p:before { content:"\00c8";}	alert("\310");
É	É	É	capital E, acute accent	%C9	p:before { content:"\00c9";}	alert("\311");

				1		
Ê	Ê	Ê	capital E, circumflex accent	%CA	p:before { content:"\00ca";}	alert("\312");
Ë	Ë	Ë	capital E, dieresis or umlaut mark	%CB	p:before { content:"\00cb";}	alert("\313");
Ì	Ì	Ì	capital I, grave accent	%CC	p:before { content:"\00cc";}	alert("\314");
Í	Í	Í	capital I, acute accent	%CD	p:before { content:"\00cd";}	alert("\315");
&Icire	Î	Î	capital I, circumflex accent	%CE	p:before { content:"\00ce";}	alert("\316");
Ï	Ï	Ï	capital I, dieresis or umlaut mark	%CF	p:before { content:"\00cf"; }	alert("\317");
Ð	Đ	Ð	capital Eth, Icelandic	%D0	p:before { content:"\00d0";}	alert("\320");
Ñ	Ñ	Ñ	capital N, tilde	%D1	p:before { content:"\00d1";}	alert("\321");
Ò	ò	Ò	capital O, grave accent	%D2	p:before { content:"\00d2";}	alert("\322");
Ó	ó	Ó	capital O, acute accent	%D3	p:before { content:"\00d3";}	alert("\323");
Ô	ô	Ô	capital O, circumflex accent	%D4	p:before { content:"\00d4";}	alert("\324");
Õ	Õ	Õ	capital O, tilde	%D5	p:before { content:"\00d5";}	alert("\325");
Ö	Ö	Ö	capital O, dieresis or umlaut mark	%D6	p:before { content:"\00d6";}	alert("\326");
×	×	×	multiply sign	%D7	p:before { content:"\00d7";}	alert("\327");
Ø	Ø	Ø	capital O, slash	%D8	p:before { content:"\00d8";}	alert("\330");
Ù	Ù	Ù	capital U, grave accent	%D9	p:before { content:"\00d9";}	alert("\331");
Ú	Ú	Ú	capital U, acute accent	%DA	p:before { content:"\00da";}	alert("\332");
Û	Û	Û	capital U, circumflex accent	%DB	p:before {	alert("\333");

					content:"\00db";}	
Ü	ΰ	Ü	capital U, dieresis or umlaut mark	%DC	p:before { content:"\00dc";}	alert("\334");
Ý	Ý	Ý	capital Y, acute accent	%DD	p:before { content:"\00dd"; }	alert("\335");
Þ	RN; Þ Þ capital THORN, Icelandic		%DE	p:before { content:"\00de";}	alert("\336");	
ß	ß ß ß small sharp s, German (sz ligature)		%DF	p:before { content:"\00df";}	alert("\337");	
à	à	 <b>4</b> ;	small a, grave accent	%E0	p:before { content:"\00e0";}	alert("\340");
á	á	á	small a, acute accent	%E1	p:before { content:"\00e1";}	alert("\341");
â	â	â	small a, circumflex accent	%E2	p:before { content:"\00e2";}	alert("\342");
ã	ã	ã	small a, tilde	%E3	p:before { content:"\00e3";}	alert("\343");
ä	ä	ä	small a, dieresis or umlaut mark	%E4	p:before { content:"\00e4";}	alert("\344");
å	å	å	small a, ring	%E5	p:before { content:"\00e5"; }	alert("\345");
æ	æ	æ	small ae diphthong (ligature)	%E6	p:before { content:"\00e6";}	alert("\346");
ç	ç	ç	small c, cedilla	%E7	p:before { content:"\00e7";}	alert("\347");
è	è	è	small e, grave accent	%E8	p:before { content:"\00e8";}	alert("\350");
é	é	é	small e, acute accent	%E9	p:before { content:"\00e9";}	alert("\351");
ê	ê	ê	small e, circumflex accent	%EA	p:before { content:"\00ea";}	alert("\352");
ë	ë	ë	small e, dieresis or umlaut mark	%EB	p:before { content:"\00eb";}	alert("\353");
ì	ì	ì	small i, grave accent	%EC	p:before { content:"\00ec";}	alert("\354");

22/2021			Glypris	1 C22-111CK	AS	
í	í	<b>%#237</b> ;	small i, acute accent	%ED	p:before { content:"\00ed"; }	alert("\355");
î	î	î	small i, circumflex accent	%EE	p:before { content:"\00ee"; }	alert("\356");
ï	ï	ï	small i, dieresis or umlaut mark	%EF	p:before { content:"\00ef";}	alert("\357");
ð	ð	ð	small eth, Icelandic	%F0	p:before { content:"\00f0";}	alert("\360");
ñ	ñ	ñ	small n, tilde	%F1	p:before { content:"\00f1"; }	alert("\361");
ò	ò	ò	small o, grave accent	%F2	p:before { content:"\00f2";}	alert("\362");
ó	ó	ó	small o, acute accent	%F3	p:before { content:"\00f3";}	alert("\363");
ô	ô	ô	small o, circumflex accent	%F4	p:before { content:"\00f4";}	alert("\364");
õ	õ	 <b>4</b> 5;	small o, tilde	%F5	p:before { content:"\00f5"; }	alert("\365");
ö	ö	ö	small o, dieresis or umlaut mark	%F6	p:before { content:"\00f6"; }	alert("\366");
÷	÷	 <b>4</b> 7;	divide sign	%F7	p:before { content:"\00f7"; }	alert("\367");
ø	ø	ø	small o, slash	%F8	p:before { content:"\00f8"; }	alert("\370");
ù	ù	 <b>4</b> 9;	small u, grave accent	%F9	p:before { content:"\00f9"; }	alert("\371");
ú	ú	ú	small u, acute accent	%FA	p:before { content:"\00fa"; }	alert("\372");
&ucire	û	û	small u, circumflex accent	%FB	p:before { content:"\00fb"; }	alert("\373");
ü	ü	ü	small u, dieresis or umlaut mark	%FC	p:before { content:"\00fc"; }	alert("\374");
ý	ý	ý	small y, acute accent	%FD	p:before { content:"\00fd"; }	alert("\375");
þ	þ	þ	small thorn, Icelandic	%FE	p:before { content:"\00fe"; }	alert("\376");

ÿ	ÿ	ÿ	small y, dieresis or umlaut mark	%FF	p:before { content:"\00ff"; }	alert("\377");
---	---	---	----------------------------------	-----	-------------------------------	----------------

# **<u>b</u> (#latin-extended-a)** Latin Extended-A

Œ	Œ	Œ	latin capital ligature oe	u+0152 ISOlat2	p:before { content:"\0152"; }	alert("\u0152");
œ	œ	<b>&amp;</b> #339;	latin small ligature oe (ligature is a misnomer, this is a separate character in some languages)		p:before { content:"\0153"; }	alert("\u0153");
Š	Scaron; Š Š latin capital letter s with caron		u+0160 ISOlat2	p:before {   content:"\0160";  }	alert("\u0160");	
š	š š š latin small letter s with caron		u+0161 ISOlat2	p:before {   content:"\0161"; }	alert("\u0161");	
Ÿ	Ÿ	Ÿ	latin capital letter y with diaeresis	u+0178 ISOlat2	p:before {   content:"\0178"; }	alert("\u0178");

#### **<u>b</u> (#latin-extended-b)** Latin Extended-B

ƒ	f (	latin small f with hook, a.k.a. function, a.k.a. florin	u+0192 ISOtech	p:before { content:"\0192";}	alert("\u0192");
---	-----	--	-------------------	------------------------------	------------------

#### **<u>b</u> (#spacing-modifier-letters)** Spacing Modifier Letters

ˆ	^	modifier letter circumflex accent	u+02C6 ISOpub	p:before { content:"\02c6"; }	alert("\u02c6");
˜	~	small tilde	u+02DC ISOdia	p:before { content:"\02dc"; }	alert("\u02dc");

#### <u>ه (#greek)</u> Greek

Α	A	Α	greek capital letter alpha	u+0391	p:before { content:"\0391";}	alert("\u0391");
Β	В	Β	greek capital letter beta	u+0392	p:before { content:"\0392";}	alert("\u0392");
Γ	Г	Γ	greek capital letter gamma	u+0393 ISOgrk3	p:before { content:"\0393";}	alert("\u0395");
Δ	Δ	Δ	greek capital letter delta	u+0394 ISOgrk3	p:before { content:"\0394";}	alert("\u0394");
Ε	E	Ε	greek capital letter epsilon	u+0395	p:before {     content:"\0395"; }	alert("\u0395");
Ζ	Z	Ζ	greek capital letter zeta	u+0396	p:before {     content:"\0396"; }	alert("\u0396");
Η	Н	Η	greek capital letter eta	u+0397	p:before {     content:"\0397"; }	alert("\u0397");
Θ	Θ	Θ	greek capital letter theta	u+0398 ISOgrk3	p:before {     content:"\0398"; }	alert("\u0398");
Ι	I	Ι	greek capital letter iota	u+0399	p:before {     content:"\0399"; }	alert("\u0399");
&Карра;	К	Κ	greek capital letter kappa	u+039A	p:before { content:"\039a"; }	alert("\u039a");
Λ	٨	Λ	greek capital letter lambda	u+039B ISOgrk3	p:before { content:"\039b";}	alert("\u039b");
Μ	М	Μ	greek capital letter mu	u+039C	p:before { content:"\039c"; }	alert("\u039c");
Ν	N	Ν	greek capital letter nu	u+039D	p:before { content:"\039d"; }	alert("\u039D");
Ξ	Ξ	Ξ	greek capital letter xi	u+039E ISOgrk3	p:before { content:"\039e"; }	alert("\u039e");
Ο	0	Ο	greek capital letter omicron	u+039F	p:before { content:"\039f";}	alert("\u039f");
		İ		İ		İ

Π	П	Π	greek capital letter pi	u+03A0 ISOgrk3	p:before { content:"\03a0";}	alert("\u03a0")
Ρ	Р	Ρ	greek capital letter rho	u+03A1	p:before { content:"\03a1";}	alert("\u03a1")
there is no Sig	gmaf, an	ıd no u+03A2	character either)			
Σ	Σ	Σ	greek capital letter sigma	u+03A3 ISOgrk3	p:before { content:"\03a3";}	alert("\u03A3")
Τ	Т	Τ	greek capital letter tau	u+03A4	p:before { content:"\03a4";}	alert("\u03A4"
Υ	Y	Υ	greek capital letter upsilon	u+03A5 ISOgrk3	p:before { content:"\03a5";}	alert("\u03A5"
Φ	Ф	Φ	greek capital letter phi	u+03A6 ISOgrk3	p:before { content:"\03a6";}	alert("\u03A6")
Χ	Х	Χ	greek capital letter chi	u+03A7	p:before { content:"\03a7";}	alert("\u03A7")
Ψ	Ψ	Ψ	greek capital letter psi	u+03A8 ISOgrk3	p:before { content:"\03a8";}	alert("\u03A8"
Ω	Ω	Ω	greek capital letter omega	u+03A9 ISOgrk3	p:before { content:"\03a9";}	alert("\u03A9"
α	α	<b>4</b> 5;	greek small letter alpha	u+03B1 ISOgrk3	p:before { content:"\03b1";}	alert("\u03b1")
β	β	β	greek small letter beta	u+03B2 ISOgrk3	p:before { content:"\03b2";}	alert("\u03b2")
γ	γ	<b>4</b> 7;	greek small letter gamma	u+03B3 ISOgrk3	p:before { content:"\03b3";}	alert("\u03b3")
δ	δ	δ	greek small letter delta	u+03B4 ISOgrk3	p:before { content:"\03b4";}	alert("\u03b4")
ε	٤	<b>4</b> 9;	greek small letter epsilon	u+03B5 ISOgrk3	p:before { content:"\03b5";}	alert("\u03b5")
ζ	ζ	ζ	greek small letter zeta	u+03B6 ISOgrk3	p:before { content:"\03b6";}	alert("\u03b6")
η	η	η	greek small letter eta	u+03B7 ISOgrk3	p:before { content:"\03b7";}	alert("\u03b7")
θ	θ	θ	greek small letter theta	u+03B8 ISOgrk3	p:before { content:"\03b8";}	alert("\u03b8"

/22/2021	2/2021 Glypns   CSS-Tricks						
ι	ι	<b>&amp;</b> #953;	greek small letter iota	u+03B9 ISOgrk3	p:before {     content:"\03b9"; }	alert("\u03b9");	
κ	к	κ	greek small letter kappa	u+03BA ISOgrk3	p:before { content:"\03ba";}	alert("\u03ba");	
λ	λ	λ	greek small letter lambda	u+03BB ISOgrk3	p:before { content:"\03bb";}	alert("\u03bb");	
μ	μ	μ	greek small letter mu	u+03BC ISOgrk3	p:before { content:"\03bc"; }	alert("\u03bc");	
ν ;	ν	ν	greek small letter nu	u+03BD ISOgrk3	p:before { content:"\03bd"; }	alert("\u03bd");	
ξ	ξ	ξ	greek small letter xi	u+03BE ISOgrk3	p:before { content:"\03be"; }	alert("\u03be");	
ο	0	ο	greek small letter omicron	u+03BF NEW	p:before { content:"\03bf"; }	alert("\u03bf");	
π	π	π	greek small letter pi	u+03C0 ISOgrk3	p:before { content:"\03c0"; }	alert("\u03c0");	
ρ	ρ	ρ	greek small letter rho	u+03C1 ISOgrk3	p:before { content:"\03c1";}	alert("\u03c1");	
ς	ς	ς	greek small letter final sigma	u+03C2 ISOgrk3	p:before { content:"\03C2";}	alert("\u03c2");	
σ	σ	σ	greek small letter sigma	u+03C3 ISOgrk3	p:before { content:"\03C3";}	alert("\u03c3");	
τ	τ	τ	greek small letter tau	u+03C4 ISOgrk3	p:before { content:"\03C4";}	alert("\u03c4");	
υ	υ	υ	greek small letter upsilon	u+03C5 ISOgrk3	p:before { content:"\03C5";}	alert("\u03c5");	
φ	φ	φ	greek small letter phi	u+03C6 ISOgrk3	p:before { content:"\03C6";}	alert("\03c6");	
χ	χ	χ	greek small letter chi	u+03C7 ISOgrk3	p:before { content:"\03C7";}	alert("\u03c7");	
ψ	ψ	ψ	greek small letter psi	u+03C8 ISOgrk3	p:before { content:"\03C8";}	alert("\u03c8");	
ω	ω	ω	greek small letter omega	u+03C9 ISOgrk3	p:before { content:"\03C9";}	alert("\u03c9");	
ϑ	ϑ	ϑ	greek small letter theta symbol	u+03D1 NEW	p:before { content:"\03D1";}	alert("\u03D1");	

- 6								1
	ϒ	Y	ϒ	greek upsilon with hook symbol	u+03D2 NEW	p:before { content:"\03D2";}	alert("\u03D2");	
	ϖ	ធ	ϖ	greek pi symbol	u+03D6 ISOgrk3	p:before { content:"\03D6";}	alert("\u03D6");	

#### **<u>b</u> (#punctuation)** Punctuation

			en space	u+2002 ISOpub	p:before { content:"\2002";}	alert("\u2002");
			em space	u+2003 ISOpub	p:before { content:"\2003";}	alert("\u2003");
			thin space	u+2009 ISOpub	p:before { content:"\2009";}	alert("\u2009");
‌		<b>%</b> #8204;	zero width non-joiner	u+200C NEW RFC 2070	p:before { content:"\200C";}	alert("\u200C");
‍		<b>&amp;</b> #8205;	zero width joiner	u+200D NEW RFC 2070	p:before { content:"\200D";}	alert("\u200d");
‎		‎	left-to-right mark	u+200E NEW RFC 2070	p:before { content:"\200E";}	alert("\u200e");
‏		‏	right-to-left mark	u+200F NEW RFC 2070	p:before { content:"\200F";}	alert("\u200f");
–	_	–	en dash	u+2013 ISOpub	p:before { content:"\2013";}	alert("\u2013");
—	_	—	em dash	u+2014 ISOpub	p:before { content:"\2014";}	alert("\u2014");
'	•	'	left single quotation mark	u+2018 ISOnum	p:before { content:"\2018";}	alert("\u2018");
'	,	'	right single quotation mark	u+2019 ISOnum	p:before { content:"\2019";}	alert("\u2019");
'	,	'	single low-9 quotation mark	u+201A NEW	p:before { content:"\201A";}	alert("\u201a");
"	ш	"	left double quotation mark	u+201C ISOnum	p:before { content:"\201C";}	alert("\u201c");

"	"	<b>&amp;</b> #8221;	right double quotation mark	u+201D ISOnum	p:before { content:"\201D";}	alert("\u201d");
"	"	"	double low-9 quotation mark	u+201E NEW	p:before { content:"\201E";}	alert("\u201e");
†	+	†	dagger	u+2020 ISOpub	p:before { content:"\2020";}	alert("\u2020");
‡	‡	‡	double dagger	u+2021 ISOpub	p:before { content:"\2021";}	alert("\u2021");
‰	‰	‰	per mille sign	u+2030 ISOtech	p:before { content:"\2030";}	alert("\u2030");
‹	<b>,</b>	‹	single left-pointing angle quotation mark (lsaquo is proposed but not yet ISO standardised)	u+2039 ISO proposed	p:before { content:"\2039";}	alert("\u2039");
›	>	›	single right-pointing angle quotation mark rsaquo is proposed but not yet ISO standardised	u+203A ISO proposed	p:before { content:"\203A";}	alert("\u203a");

#### **<u>b</u>** (#general-punctuation) General Punctuation

•	•	̶ <b>6</b> ;	bullet, a.k.a. black small circle bullet is NOT the same as bullet operator — u+2219	u+2022 ISOpub	alert("\u2219");
…		…	horizontal ellipsis, a.k.a. three dot leader	u+2026 ISOpub	alert("\u2026");
′	,	′	prime, a.k.a. minutes, a.k.a. feet	u+2032 ISOtech	alert("\u2032");
″	u	″	double prime, a.k.a. seconds, a.k.a. inches	u+2033 ISOtech	alert("\u2033");
‾	-	‾	overline, a.k.a. spacing overscore	u+203E NEW	alert("\u203e");
⁄	/	⁄	fraction slash	u+2044 NEW	alert("\u8260");

#### **<u>b</u> (#letterlike-symbols)** Letterlike Symbols

℘	p	℘	script capital P, a.k.a. power set, a.k.a. Weierstrass p	u+2118 ISOamso	alert("\u2118");
ℑ	9	ℑ	blackletter capital I, a.k.a. imaginary part	u+2111 ISOamso	alert("\u2111");
ℜ	R	<b>%</b> #8476;	blackletter capital R, a.k.a. real part symbol	u+211C ISOamso	alert("\u211c");
™	тм	™	trade mark sign	u+2122 ISOnum	alert("\u2122");
ℵ	ж	ℵ	alef symbol, a.k.a. first transfinite cardinal alef symbol is NOT the same as hebrew letter alef — u+05D0 although the same glyph could be used to depict both characters	u+2135 NEW	alert("\u");

# **<u>b (#arrows)</u> Arrows**

←	←	←	leftwards arrow	u+2190 ISOnum	alert("\u2190");
↑	1	↑	upwards arrow	u+2191 ISOnum	alert("\u2191");
→	<b>→</b>	→	rightwards arrow	u+2192 ISOnum	alert("\u2192");
↓	Ţ	↓	downwards arrow	u+2193 ISOnum	alert("\u2193");
↔	<b>↔</b>	͛ <b>6</b> ;	left right arrow	u+2194 ISOamsa	alert("\u2194");
↵	Ą	↵	downwards arrow with corner leftwards, a.k.a. carriage return	u+21B5 NEW	alert("\u21b5");
⇐	<b>←</b>	⇐	leftwards double arrow can be used for 'is implied by'	u+21D0 ISOtech	alert("\u21d0");
⇑	Î	⇑	upwards double arrow	u+21D1 ISOamsa	alert("\u21d1");
⇒	⇒	⇒	rightwards double arrow	u+21D2 ISOtech	alert("\u21d2");
⇓	Ш	⇓	downwards double arrow	u+21D3	alert("\ud1d3");

				ISOamsa		
⇔	⇔	͢o;	left right double arrow	u+21D4 ISOamsa	alert("\u21d4");	

# **<u>b</u> (#mathematical-operators)** Mathematical Operators

∀	A	∀	for all	u+2200 ISOtech	alert("\u2200");
∂	д	∂	partial differential	u+2202 ISOtech	alert("\u2202");
∃	3	∃	there exists	u+2203 ISOtech	alert("\u2203");
∅	Ø	∅	empty set, a.k.a. null set, a.k.a. diameter	u+2205 ISOamso	alert("\u2205");
∇	∇	∇	nabla, a.k.a. backward difference	u+2207 ISOtech	alert("\u2207");
∈	€	∈	element of	u+2208 ISOtech	alert("\u2208");
∉	∉	∉	not an element of	u+2209 ISOtech	alert("\u2209");
∋	€	∋	contains as member	u+220B ISOtech	alert("\u220b");
∏	П	∏	n-ary product, a.k.a. product sign prod is NOT the same character as u+03A0 'greek capital letter pi' though the same glyph might be used for both	u+220F ISOamsb	alert("\u03a0");
∑	Σ	∑	n-ary sumation sum is NOT the same character as u+03A3 'greek capital letter sigma' though the same glyph might be used for both	u+2211 ISOamsb	alert("\u03a3");
−	-	−	minus sign	u+2212 ISOtech	alert("\u2212");
∗	*	∗	asterisk operator	u+2217 ISOtech	alert("\u2217");
√	√	√	square root, a.k.a. radical sign	u+221A	alert("\u221a");

				ISOtech	
∝	α	<b>%</b> #8733;	proportional to	u+221D ISOtech	alert("\u221d")
∞	∞	∞	infinity	u+221E ISOtech	alert("\u221e");
∠	۷	<b>&amp;</b> #8736;	angle	u+2220 ISOamso	alert("\u2220")
∧ ;	Т	⊥	logical and, a.k.a. wedge	u+2227 ISOtech	alert("\u2227")
∨	ŀ	<b>&amp;</b> #8870;	logical or, a.k.a. vee	u+2228 ISOtech	alert("\u2228")
∩	Λ	<b>&amp;</b> #8745;	intersection, a.k.a. cap	u+2229 ISOtech	alert("\u2229")
∪	U	<b>&amp;</b> #8746;	union, a.k.a. cup	u+222A ISOtech	alert("\u222a")
∫	J	<b>&amp;</b> #8747;	integral	u+222B ISOtech	alert("\u222b")
∴		<b>&amp;</b> #8756;	therefore	u+2234 ISOtech	alert("\u2234")
∼	~	∼	tilde operator, a.k.a. varies with, similar to tilde operator, but is NOT the same character as the tilde u+007E, although the same glyph might be used to represent both	u+223C ISOtech	alert("\u223c")
≅	≅	≅	approximately equal to	u+2245 ISOtech	alert("\u2245")
≈	*	≈	almost equal to, a.k.a. asymptotic to	u+2248 ISOamsr	alert("\u2248")
≠	<b>≠</b>	≠	not equal to	u+2260 ISOtech	alert("\u2260")
≡	≡	≡	identical to	u+2261 ISOtech	alert("\u2261")
≤	≤	≤	less-than or equal to	u+2264 ISOtech	alert("\u2264")
≥ ;	2	≥	greater-than or equal to	u+2265 ISOtech	alert("\u2265")

2/2021			Glypris   C55-Tricks		
⊂	С	⊂	subset of	u+2282 ISOtech	alert("\u2282");
⊃	D	<b>&amp;</b> #8835;	superset of note that nsup, 'not a superset of u+2283' is not covered by the Symbol font encoding and is not included.	u+2283 ISOtech	alert("\u2283");
⊄	⊄	⊄	not a subset of	u+2284 ISOamsn	alert("\u2284");
⊆	C	⊆	subset of or equal to	u+2286 ISOtech	alert("\u2286");
⊇	⊇	⊇	superset of or equal to	u+2287 ISOtech	alert("\u2287");
⊕	Ф	⊕	circled plus, a.k.a. direct sum	u+2295 ISOamsb	alert("\u2295");
⊗	8	⊗	circled times, a.k.a. vector product	u+2297 ISOamsb	alert("\u2297");
⊥	Т	⊥	up tack, a.k.a. orthogonal to, a.k.a. perpendicular	u+22A5 ISOtech	alert("\u22a5");
⋅		⋅	dot operator dot operator is NOT the same character as u+00B7 middle dot	u+22C5 ISOamsb	alert("\u22c5");

# **<u>b</u> (#miscellaneous-technical)** Miscellaneous Technical

⌈	Г	⌈	left ceiling, a.k.a. apl upstile	u+2308, ISOamsc	alert("\u2308");
⌉	1	⌉	right ceiling	u+2309, ISOamsc	alert("\u2309");
⌊	L	⌊	left floor, a.k.a. apl downstile	u+230A, ISOamsc	alert("\u230a");
⌋	J	⌋	right floor	u+230B, ISOamsc	alert("\u230b");
⟨	(	〈	left-pointing angle bracket, a.k.a. bra lang is NOT the same character as u+003C 'less than'	u+2329 ISOtech	alert("\u2329");

4/22/2021 Glyphs | CSS-Tricks

			or u+2039 'single left-pointing angle quotation mark'		
⟩	>	〉	right-pointing angle bracket, a.k.a. ket rang is NOT the same character as u+003E 'greater than' or u+203A 'single right-pointing angle quotation mark'	u+232A ISOtech	alert("\u232a");

#### **<u>b</u>** (#geometric-shapes) Geometric Shapes

#### **<u>b (#miscellaneous-symbols)</u>** Miscellaneous Symbols

♠	•	♠	black spade suit	u+2660 ISOpub	alert("\u2660");
♣	•	♣	black club suit, a.k.a. shamrock	u+2663 ISOpub	alert("\u2663");
♥	•	♥	black heart suit, a.k.a. valentine	u+2665 ISOpub	alert("\u2665");
♦	•	♦	black diamond suit	u+2666 ISOpub	alert("\u2666");