



Standard Character Set

Standard Character	Description	Decimal	HEX	Numeric Entity
	space	32	20	
!	exclamation mark	33	21	!
"	(double) quotation mark	34	22	"
#	number sign	35	23	#
\$	dollar sign	36	24	\$
%	percent sign	37	25	%
&	ampersand	38	26	&
'	apostrophe,	39	27	'
(	left parenthesis	40	28	(
)	right parenthesis	41	29	)
*	asterisk	42	2A	*
+	plus sign	43	2B	+
,	comma	44	2C	,
-	minus sign, hyphen	45	2D	-
.	period, decimal point,	46	2E	.
/	slash, virgule, solidus	47	2F	/
0	digit 0	48	30	0
1	digit 1	49	31	1
2	digit 2	50	32	2
3	digit 3	51	33	3

4	digit 4	52	34	4
5	digit 5	53	35	5
6	digit 6	54	36	6
7	digit 7	55	37	7
8	digit 8	56	38	8
9	digit 9	57	39	9
:	colon	58	3A	:
;	semicolon	59	3B	;
<	less-than sign	60	3C	<
=	equal sign	61	3D	=
>	greater-than sign	62	3E	>
?	question mark	63	3F	?
@	commercial at sign	64	40	@
A	capital A	65	41	A
B	capital B	66	42	B
C	capital C	67	43	C
D	capital D	68	44	D
E	capital E	69	45	E
F	capital F	70	46	F
G	capital G	71	47	G
H	capital H	72	48	H
I	capital I	73	49	I
J	capital J	74	4A	J
K	capital K	75	4B	K
L	capital L	76	4C	L

M	capital M	77	4D	M
N	capital N	78	4E	N
O	capital O	79	4F	O
P	capital P	80	50	P
Q	capital Q	81	51	Q
R	capital R	82	52	R
S	capital S	83	53	S
T	capital T	84	54	T
U	capital U	85	55	U
V	capital V	86	56	V
W	capital W	87	57	W
X	capital X	88	58	X
Y	capital Y	89	59	Y
Z	capital Z	90	5A	Z
[	left square bracket	91	5B	[
\	backslash, reverse solidus	92	5C	\
]	right square bracket	93	5D	]
^	spacing circumflex accent	94	5E	^
—	spacing underscore, low line,	95	5F	—
`	grave accent	96	60	`
a	small a	97	61	a
b	small b	98	62	b
c	small c	99	63	c
d	small d	100	64	d
e	small e	101	65	e
f	small f	102	66	f

g	small g	103	67	g
h	small h	104	68	h
i	small i	105	69	i
j	small j	106	6A	j
k	small k	107	6B	k
l	small l	108	6C	l
m	small m	109	6D	m
n	small n	110	6E	n
o	small o	111	6F	o
p	small p	112	70	p
q	small q	113	71	q
r	small r	114	72	r
s	small s	115	73	s
t	small t	116	74	t
u	small u	117	75	u
v	small v	118	76	v
w	small w	119	77	w
x	small x	120	78	x
y	small y	121	79	y
z	small z	122	7A	z
{	left brace (curly bracket)	123	7B	{
	vertical line	124	7C	
}	right brace (curly bracket)	125	7D	}
~	tilde accent	126	7E	~
€	Euro	128	80	€

,	low left rising single quote	130	82	,
<i>f</i>	small italic f, function of,	131	83	<i>f</i>
„	low left rising double quote	132	84	„
...	low horizontal ellipsis	133	85	...
‰	per thousand (mille) sign	137	89	‰
Š	capital S caron or hacek	138	8A	Š
<	left single angle quote mark	139	8B	<
Œ	capital OE ligature	140	8C	Œ
Ž	latin capital letter Z with caron	142	8E	Ž
`	left single quotation mark,	145	91	`
'	right single quote mark	146	92	'
“	left double quotation mark,	147	93	“
”	right double quote mark	148	94	”
–	en dash	150	96	–
—	em dash	151	97	—
~	small spacing tilde accent	152	98	~
š	small s caron or hacek	154	9A	š
>	right single angle quote mark	155	9B	>
œ	small oe ligature	156	9C	œ
ž	latin small letter Z with caron	158	9E	ž
ÿ	capital Y dieresis or umlaut	159	9F	ÿ
¡	inverted exclamation mark	161	A1	¡
¢	cent sign	162	A2	¢
£	pound sterling sign	163	A3	£
¤	general currency sign	164	A4	¤
¥	yen sign	165	A5	¥

§	section sign	167	A7	§
¨	spacing dieresis or umlaut	168	A8	¨
a	feminine ordinal indicator	170	AA	a
«	left (double) angle quote	171	AB	«
°	degree sign	176	B0	°
±	plus-or-minus sign	177	B1	±
´	spacing acute accent	180	B4	´
μ	micro sign	181	B5	μ
·	middle dot, centered dot	183	B7	·
¸	spacing cedilla	184	B8	¸
º	masculine ordinal indicator	186	BA	º
»	right (double) angle quote	187	BB	»
¿	inverted question mark	191	BF	¿
À	capital A grave	192	C0	À
Á	capital A acute	193	C1	Á
Â	capital A circumflex	194	C2	Â
Ã	capital A tilde	195	C3	Ã
Ä	capital A dieresis or umlaut	196	C4	Ä
Å	capital A ring	197	C5	Å
Æ	capital AE ligature	198	C6	Æ
Ç	capital C cedilla	199	C7	Ç
È	capital E grave	200	C8	È
É	capital E acute	201	C9	É
Ê	capital E circumflex	202	CA	Ê
Ë	capital E dieresis or umlaut	203	CB	Ë

Ì	capital I grave	204	CC	Ì
Í	capital I acute	205	CD	Í
Î	capital I circumflex	206	CE	Î
Ï	capital I dieresis or umlaut	207	CF	Ï
Ð	capital ETH	208	D0	Ð
Ñ	capital N tilde	209	D1	Ñ
Ò	capital O grave	210	D2	Ò
Ó	capital O acute	211	D3	Ó
Ô	capital O circumflex	212	D4	Ô
Õ	capital O tilde	213	D5	Õ
Ö	capital O dieresis or umlaut	214	D6	Ö
×	multiplication sign	215	D7	×
Ø	capital O slash	216	D8	Ø
Ù	capital U grave	217	D9	Ù
Ú	capital U acute	218	DA	Ú
Û	capital U circumflex	219	DB	Û
Ü	capital U dieresis or umlaut	220	DC	Ü
Ý	capital Y acute	221	DD	Ý
Þ	capital THORN	222	DE	Þ
ß	small sharp s, sz ligature	223	DF	ß
à	small a grave	224	E0	à
á	small a acute	225	E1	á
â	small a circumflex	226	E2	â
ã	small a tilde	227	E3	ã
ä	small a dieresis or umlaut	228	E4	ä
å	small a ring	229	E5	å

æ	small ae ligature	230	E6	æ
ç	small c cedilla	231	E7	ç
è	small e grave	232	E8	è
é	small e acute	233	E9	é
ê	small e circumflex	234	EA	ê
ë	small e dieresis or umlaut	235	EB	ë
ì	small i grave	236	EC	ì
í	small i acute	237	ED	í
î	small i circumflex	238	EE	î
ï	small i dieresis or umlaut	239	EF	ï
ð	small eth	240	F0	ð
ñ	small n tilde	241	F1	ñ
ò	small o grave	242	F2	ò
ó	small o acute	243	F3	ó
ô	small o circumflex	244	F4	ô
õ	small o tilde	245	F5	õ
ö	small o dieresis or umlaut	246	F6	ö
÷	division sign	247	F7	÷
ø	small o slash	248	F8	ø
ù	small u grave	249	F9	ù
ú	small u acute	250	FA	ú
û	small u circumflex	251	FB	û
ü	small u dieresis or umlaut	252	FC	ü
ý	small y acute	253	FD	ý
þ	small thorn	254	FE	þ

ÿ	small y dieresis or umlaut	255	FF	ÿ
Ā	Amacr - latin capital letter A with macron	256	100	Ā
ā	amacr - latin small letter a with macron	257	101	ā
Ă	Acaron - latin capital letter A with caron (breve)	258	102	Ă
ă	acaron - latin small letter a with caron (breve)	259	103	ă
Ȧ	Acedil - latin capital letter A with cedilla	260	104	Ȧ
ȧ	acedil - latin small letter a with cedilla	261	105	ȧ
Ć	Cacute - latin capital letter C with acute	262	106	Ć
ć	cacute - latin small letter c with acute	263	107	ć
Č	Ccaron - latin capital letter C with caron	268	10C	Č
č	ccaron - latin small letter c with caron	269	10D	č
Ǧ	Dcaron - latin capital letter D with caron	270	10E	Ǧ
Ǧ	Dstrok - latin capital letter D with stroke	272	110	Ǧ
ǧ	dstrok - latin small letter d with stroke	273	111	ǧ
Ē	Emacr - latin capital letter E with macron	274	112	Ē
ē	emacr - latin small letter e with macron	275	113	ē
Ė	Edot - latin capital letter E with dot above	278	116	Ė
ė	edot - latin small letter e with dot above	279	117	ė
Ɛ	Ecedil - latin capital letter E with cedilla	280	118	Ɛ
ɛ	ecedil - latin small letter e with cedilla	281	119	ɛ
Ě	Ecaron - latin capital letter E with caron	282	11A	Ě
ě	ecaron - latin small letter e with caron	283	11B	ě
Ǧ	Gcaron - latin capital letter G with caron (breve)	286	11E	Ǧ
ǧ	gcaron - latin small letter e with caron (breve)	287	11F	ǧ
Ƣ	Gcedil - latin capital letter G with cedilla	290	122	Ƣ
ƣ	gapos - latin small letter g with cedilla above	291	123	ƣ

Ī	Imacr - latin capital letter I with macron	298	12A	Ī
ī	imacr - latin small letter i with macron	299	12B	ī
Į	Iogon - latin capital letter I with ogonek	302	12E	Į
į	iogon - latin small letter i with ogonek	303	12F	į
İ	Idot - latin capital letter I with dot	304	130	İ
ı	nodot - latin small letter i with no dot	305	131	ı
Ķ	Kcedil - latin capital letter K with cedilla	310	136	Ķ
ķ	kcedil - latin small letter k with cedilla	311	137	ķ
Ĺ	Lacute - latin capital letter L with acute	313	139	Ĺ
ĺ	lacute - latin small letter l with acute	314	13A	ĺ
Ľ	Lcedil - latin capital letter L with cedilla	315	13B	Ľ
ļ	lcedil - latin small letter l with cedilla	316	13C	ļ
Ľ	Lcaron - latin capital letter L with caron	317	13D	Ľ
ľ	lcaron - latin small letter l with caron	318	13E	ľ
Ł	Lstrok - latin capital letter L with stroke	321	141	Ł
ł	lstrok - latin small letter l with stroke	322	142	ł
Ń	Nacute - latin capital letter N with acute	323	143	Ń
ń	napute - latin small letter n with acute	324	144	ń
Ŋ	Ncedil - latin capital letter N with cedilla	325	145	Ŋ
ŋ	ncedil - latin small letter n with cedilla	326	146	ŋ
Ň	Ncaron - latin capital letter N with caron	327	147	Ň
ň	ncaron - latin small letter n with caron	328	148	ň
Ō	Omacr - latin capital letter O with macron	332	14C	Ō
ō	omacr - latin small letter o with macron	333	14D	ō
Ŏ	Odblac - latin capital letter O with double acute	336	150	Ŏ

Ŏ	odblac - latin small letter o with double acute	337	151	Ŏ
Ŕ	Rcedil - latin capital letter R with cedilla	342	156	Ŕ
ŗ	rcedil - latin small letter r with cedilla	343	157	ŗ
Ř	Rcaron - latin capital letter R with caron	344	158	Ř
ř	rcaron - latin small letter r with caron	345	159	ř
Ś	Sacute - latin capital letter S with acute	346	15A	Ś
ś	sacute - latin small letter s with acute	347	15B	ś
Ş	Scedil - latin capital letter S with cedilla	350	15E	Ş
ş	scedil - latin small letter s with cedilla	351	15F	ş
Š	Scaron - latin capital letter S with caron	352	160	Š
š	scaron - latin small letter s with caron	353	161	š
Ţ	Tcedil - latin capital letter T with cedilla	354	162	Ţ
ţ	tcedil - latin small letter t with cedilla	355	163	ţ
Ť	Tcaron - latin capital letter T with caron	356	164	Ť
ť	tcaron - latin small letter t with caron	357	165	ť
Ū	Umacr - latin capital letter U with macron	362	16A	Ū
ū	umacr - latin small letter u with macron	363	16B	ū
Ů	Uring - latin capital letter U with ring above	366	16E	Ů
ů	uring - latin small letter u with ring above	367	16F	ů
Ů	Udblac - latin capital letter U with double acute	368	170	Ů
ů	udblac - latin small letter u with double acute	369	171	ů
Ų	Uogon - latin capital letter U with ogonek	370	172	Ų
ų	uogon - latin small letter u with ogonek	371	173	ų
Ż	Zacute - latin capital letter Z with acute	377	179	Ż
ż	zacute - latin small letter z with acute	378	17A	ż
Ž	Zdot - latin capital letter Z with dot above	379	17B	Ž

ž	zdot - latin small letter z with dot above	380	17C	ž
Ž	Zcaron - latin capital letter Z with caron	381	17D	Ž
ž	zcaron - latin small letter z with caron	382	17E	ž