ASCII Table

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ASCII (American Standard Code for Information Interchange) character code chart with decimal,hex,binary,HTML and description:

Dec	Hex	Binary	HTML	Char	Description
0	00	00000000	&#0;	NUL	Null
1	01	00000001	&#1;	SOH	Start of Header
2	02	00000010	&#2;	STX	Start of Text
3	03	00000011	&#3;	ETX	End of Text
4	04	00000100	&#4;	EOT	End of Transmission
5	05	00000101	&#5;	ENQ	Enquiry
6	06	00000110	&#6;	ACK	Acknowledge
7	07	00000111	&#7;	BEL	Bell
8	08	00001000	&#8;	BS	Backspace
9	09	00001001			HT	Horizontal Tab
10	0A	00001010	
	LF	Line Feed
11	0B	00001011	&#11;	VT	Vertical Tab
12	0C	00001100		FF	Form Feed
13	0D	00001101		CR	Carriage Return
14	0E	00001110	&#14;	SO	Shift Out
15	0F	00001111	&#15;	SI	Shift In
16	10	00010000	&#16;	DLE	Data Link Escape
17	11	00010001	&#17;	DC1	Device Control 1
18	12	00010010	&#18;	DC2	Device Control 2
19	13	00010011	&#19;	DC3	Device Control 3
20	14	00010100	&#20;	DC4	Device Control 4
21	15	00010101	&#21;	NAK	Negative Acknowledge

Dec	Hex	Binary	HTML	Char	Description
22	16	00010110	&#22;	SYN	Synchronize
23	17	00010111	&#23;	ETB	End of Transmission Block
24	18	00011000	&#24;	CAN	Cancel
25	19	00011001	&#25;	EM	End of Medium
26	1A	00011010	&#26;	SUB	Substitute
27	1B	00011011	&#27;	ESC	Escape
28	1C	00011100	&#28;	FS	File Separator
29	1D	00011101	&#29;	GS	Group Separator
30	1E	00011110	&#30;	RS	Record Separator
31	1F	00011111	&#31;	US	Unit Separator
32	20	00100000	 	space	Space
33	21	00100001	!	!	exclamation mark
34	22	00100010	"	"	double quote
35	23	00100011	#	#	number
36	24	00100100	$	$	dollar
37	25	00100101	%	%	percent
38	26	00100110	&	&	ampersand
39	27	00100111	'	'	single quote
40	28	00101000	(	(	left parenthesis
41	29	00101001	)	)	right parenthesis
42	2A	00101010	*	*	asterisk
43	2B	00101011	+	+	plus
44	2C	00101100	,	,	comma
45	2D	00101101	-	-	minus
46	2E	00101110	.	.	period
47	2F	00101111	/	/	slash
48	30	00110000	0	0	zero

Dec	Hex	Binary	HTML	Char	Description
49	31	00110001	1	1	one
50	32	00110010	2	2	two
51	33	00110011	3	3	three
52	34	00110100	4	4	four
53	35	00110101	5	5	five
54	36	00110110	6	6	six
55	37	00110111	7	7	seven
56	38	00111000	8	8	eight
57	39	00111001	9	9	nine
58	3A	00111010	:	:	colon
59	3B	00111011	;	;	semicolon
60	3C	00111100	<	<	less than
61	3D	00111101	=	=	equality sign
62	3E	00111110	>	>	greater than
63	3F	00111111	?	?	question mark
64	40	01000000	@	@	at sign
65	41	01000001	A	A	
66	42	01000010	B	B	
67	43	01000011	C	C	
68	44	01000100	D	D	
69	45	01000101	E	E	
70	46	01000110	F	F	
71	47	01000111	G	G	
72	48	01001000	H	H	
73	49	01001001	I	I	
74	4A	01001010	J	J	
75	4B	01001011	K	K	

Dec	Hex	Binary	HTML	Char	Description
76	4C	01001100	L	L	
77	4D	01001101	M	M	
78	4E	01001110	N	N	
79	4F	01001111	O	O	
80	50	01010000	P	P	
81	51	01010001	Q	Q	
82	52	01010010	R	R	
83	53	01010011	S	S	
84	54	01010100	T	T	
85	55	01010101	U	U	
86	56	01010110	V	V	
87	57	01010111	W	W	
88	58	01011000	X	X	
89	59	01011001	Y	Y	
90	5A	01011010	Z	Z	
91	5B	01011011	[	[	left square bracket
92	5C	01011100	\	\	backslash
93	5D	01011101	]	]	right square bracket
94	5E	01011110	^	^	caret / circumflex
95	5F	01011111	_	_	underscore
96	60	01100000	`	`	grave / accent
97	61	01100001	a	a	
98	62	01100010	b	b	
99	63	01100011	c	c	
100	64	01100100	d	d	
101	65	01100101	e	e	
102	66	01100110	f	f	

Dec	Hex	Binary	HTML	Char	Description
103	67	01100111	g	g	
104	68	01101000	h	h	
105	69	01101001	i	i	
106	6A	01101010	j	j	
107	6B	01101011	k	k	
108	6C	01101100	l	l	
109	6D	01101101	m	m	
110	6E	01101110	n	n	
111	6F	01101111	o	o	
112	70	01110000	&#112	p	
113	71	01110001	q	q	
114	72	01110010	r	r	
115	73	01110011	s	s	
116	74	01110100	t	t	
117	75	01110101	u	u	
118	76	01110110	v	v	
119	77	01110111	w	w	
120	78	01111000	x	x	
121	79	01111001	y	y	
122	7A	01111010	z	z	
123	7B	01111011	{	{	left curly bracket
124	7C	01111100	|	|	vertical bar
125	7D	01111101	}	}	right curly bracket
126	7E	01111110	~	~	tilde
127	7F	01111111	&#127;	DEL	delete

ASCII,Hex,Dec,Bin,Base64 converter ▶

Extended ASCII table

Dec	Hex	Binary	HTML	Char
128	80	10000000	-	¯
129	81	10000001	-	^
130	82	10000010	-	🚶
131	83	10000011	-	🧍
132	84	10000100	-	💊
133	85	10000101	-	👽
134	86	10000110	-	🏋
135	87	10000111	-	⛷
136	88	10001000	-	🏂
137	89	10001001	-	🎳
138	8A	10001010	-	🏊
139	8B	10001011	-	🤸
140	8C	10001100	-	🏍
141	8D	10001101	-	
142	8E	10001110	-	×
143	8F	10001111	-	÷
144	90	10010000	-	
145	91	10010001	-	💰
146	92	10010010	-	🏷
147	93	10010011	-	📰
148	94	10010100	-	👨‍👩‍👦
149	95	10010101	-	🗡
150	96	10010110	-	👄
151	97	10010111	-	🗣
152	98	10011000	-	✰
153	99	10011001	-	📉

Dec	Hex	Binary	HTML	Char
154	9A	10011010	-	
155	9B	10011011	-	
156	9C	10011100	-	
157	9D	10011101	-	
158	9E	10011110	-	
159	9F	10011111	-	
160	A0	10100000		
161	A1	10100001	¡	¡
162	A2	10100010	¢	¢
163	A3	10100011	£	£
164	A4	10100100	¤	¤
165	A5	10100101	¥	¥
166	A6	10100110	¦	¦
167	A7	10100111	§	§
168	A8	10101000	¨	¨
169	A9	10101001	©	©
170	AA	10101010	ª	ª
171	AB	10101011	«	«
172	AC	10101100	¬	¬
173	AD	10101101	­	
174	AE	10101110	®	®
175	AF	10101111	¯	¯
176	B0	10110000	°	°
177	B1	10110001	±	±
178	B2	10110010	²	²
179	B3	10110011	³	³
180	B4	10110100	´	´

Dec	Hex	Binary	HTML	Char
181	B5	10110101	µ	µ
182	B6	10110110	¶	¶
183	B7	10110111	·	·
184	B8	10111000	¸	¸
185	B9	10111001	¹	¹
186	BA	10111010	º	º
187	BB	10111011	»	»
188	BC	10111100	¼	¼
189	BD	10111101	½	½
190	BE	10111110	¾	¾
191	BF	10111111	¿	¿
192	C0	11000000	À	À
193	C1	11000001	Á	Á
194	C2	11000010	Â	Â
195	C3	11000011	Ã	Ã
196	C4	11000100	Ä	Ä
197	C5	11000101	Å	Å
198	C6	11000110	Æ	Æ
199	C7	11000111	Ç	Ç
200	C8	11001000	È	È
201	C9	11001001	É	É
202	CA	11001010	Ê	Ê
203	CB	11001011	Ë	Ë
204	CC	11001100	Ì	Ì
205	CD	11001101	Í	Í
206	CE	11001110	Î	Î
207	CF	11001111	Ï	Ï

Dec	Hex	Binary	HTML	Char
208	D0	11010000	Ð	Ð
209	D1	11010001	Ñ	Ñ
210	D2	11010010	Ò	Ò
211	D3	11010011	Ó	Ó
212	D4	11010100	Ô	Ô
213	D5	11010101	Õ	Õ
214	D6	11010110	Ö	Ö
215	D7	11010111	×	×
216	D8	11011000	Ø	Ø
217	D9	11011001	Ù	Ù
218	DA	11011010	Ú	Ú
219	DB	11011011	Û	Û
220	DC	11011100	Ü	Ü
221	DD	11011101	Ý	Ý
222	DE	11011110	Þ	Þ
223	DF	11011111	ß	ß
224	E0	11100000	à	à
225	E1	11100001	á	á
226	E2	11100010	â	â
227	E3	11100011	ã	ã
228	E4	11100100	ä	ä
229	E5	11100101	å	å
230	E6	11100110	æ	æ
231	E7	11100111	ç	ç
232	E8	11101000	è	è
233	E9	11101001	é	é
234	EA	11101010	ê	ê

Dec	Hex	Binary	HTML	Char
235	EB	11101011	ë	ë
236	EC	11101100	ì	ì
237	ED	11101101	í	í
238	EE	11101110	î	î
239	EF	11101111	ï	ï
240	F0	11110000	ð	ð
241	F1	11110001	ñ	ñ
242	F2	11110010	ò	ò
243	F3	11110011	ó	ó
244	F4	11110100	ô	ô
245	F5	11110101	õ	õ
246	F6	11110110	ö	ö
247	F7	11110111	÷	÷
248	F8	11111000	ø	ø
249	F9	11111001	ù	ù
250	FA	11111010	ú	ú
251	FB	11111011	û	û
252	FC	11111100	ü	ü
253	FD	11111101	ý	ý
254	FE	11111110	þ	þ
255	FF	11111111	ÿ	ÿ

What is ASCII code

ASCII (American Standard Code for Information Interchange) is a 7-bit characters code, with values from 0 to 127. The ASCII code is a subset of UTF-8 code. The ASCII code includes control characters and printable characters: digits, uppercase letters and lowercase letters.

ASCII vs Unicode

ASCII is a 7-bit characters code, with values from 0 to $7F_{16}$. Unicode characters code is a superset of ASCII that contains the ASCII code with values from 0 to $10FFFF_{16}$

Unicode character table ▶