

list of all 128 standard ASCII characters and their corresponding decimal, hexadecimal, and character representations:

Decimal	Hex	Character	Description
0	00	NUL	Null
1	01	SOH	Start of Heading
2	02	STX	Start of Text
3	03	ETX	End of Text
4	04	EOT	End of Transmission
5	05	ENQ	Enquiry
6	06	ACK	Acknowledge
7	07	BEL	Bell
8	08	BS	Backspace
9	09	TAB	Horizontal Tab
10	0A	LF	Line Feed (New Line)
11	0B	VT	Vertical Tab
12	0C	FF	Form Feed
13	0D	CR	Carriage Return
14	0E	SO	Shift Out
15	0F	SI	Shift In
16	10	DLE	Data Link Escape
17	11	DC1	Device Control 1
18	12	DC2	Device Control 2
19	13	DC3	Device Control 3
20	14	DC4	Device Control 4
21	15	NAK	Negative Acknowledge
22	16	SYN	Synchronous Idle
23	17	ETB	End of Block
24	18	CAN	Cancel
25	19	EM	End of Medium
26	1A	SUB	Substitute
27	1B	ESC	Escape

28	1C	FS	File Separator
29	1D	GS	Group Separator
30	1E	RS	Record Separator
31	1F	US	Unit Separator
32	20	(space)	Space
33	21	!	Exclamation Mark
34	22	"	Double Quote
35	23	#	Hash
36	24	\$	Dollar Sign
37	25	%	Percent
38	26	&	Ampersand
39	27	'	Single Quote
40	28	(Left Parenthesis
41	29)	Right Parenthesis
42	2A	*	Asterisk
43	2B	+	Plus Sign
44	2C	,	Comma
45	2D	-	Minus Sign
46	2E	.	Period
47	2F	/	Slash
48	30	0	Digit 0
49	31	1	Digit 1
50	32	2	Digit 2
51	33	3	Digit 3
52	34	4	Digit 4
53	35	5	Digit 5
54	36	6	Digit 6
55	37	7	Digit 7
56	38	8	Digit 8
57	39	9	Digit 9
58	3A	:	Colon
59	3B	;	Semicolon

60	3C	<	Less Than
61	3D	=	Equals
62	3E	>	Greater Than
63	3F	?	Question Mark
64	40	@	At Symbol
65	41	A	Uppercase A
66	42	B	Uppercase B
67	43	C	Uppercase C
68	44	D	Uppercase D
69	45	E	Uppercase E
70	46	F	Uppercase F
71	47	G	Uppercase G
72	48	H	Uppercase H
73	49	I	Uppercase I
74	4A	J	Uppercase J
75	4B	K	Uppercase K
76	4C	L	Uppercase L
77	4D	M	Uppercase M
78	4E	N	Uppercase N
79	4F	O	Uppercase O
80	50	P	Uppercase P
81	51	Q	Uppercase Q
82	52	R	Uppercase R
83	53	S	Uppercase S
84	54	T	Uppercase T
85	55	U	Uppercase U
86	56	V	Uppercase V
87	57	W	Uppercase W
88	58	X	Uppercase X
89	59	Y	Uppercase Y
90	5A	Z	Uppercase Z
91	5B	[Left Bracket

92	5C	\	Backslash
93	5D]	Right Bracket
94	5E	^	Caret
95	5F	_	Underscore
96	60	`	Grave Accent
97	61	a	Lowercase a
98	62	b	Lowercase b
99	63	c	Lowercase c
100	64	d	Lowercase d
101	65	e	Lowercase e
102	66	f	Lowercase f
103	67	g	Lowercase g
104	68	h	Lowercase h
105	69	i	Lowercase i
106	6A	j	Lowercase j
107	6B	k	Lowercase k
108	6C	l	Lowercase l
109	6D	m	Lowercase m
110	6E	n	Lowercase n
111	6F	o	Lowercase o
112	70	p	Lowercase p
113	71	q	Lowercase q
114	72	r	Lowercase r
115	73	s	Lowercase s
116	74	t	Lowercase t
117	75	u	Lowercase u
118	76	v	Lowercase v
119	77	w	Lowercase w
120	78	x	Lowercase x
121	79	y	Lowercase y
122	7A	z	Lowercase z
123	7B	{	Left Brace

124	7C		Vertical Bar
125	7D	}	Right Brace
126	7E	~	Tilde
127	7F	DEL	Delete