

Table of ASCII Characters (7-bit)

Name	Decimal Value	Hex Value	Escape Seq.	Description
NUL	0	0	\0	Null character
SOH	1	1		Start of heading
STX	2	2		Start of text
ETX	3	3		End of text
EOT	4	4		End of transmission
ENQ	5	5		Enquiry
ACK	6	6		Acknowledge
BEL	7	7	\a	Bell; makes a beep
BS	8	8	\b	Backspace
HT	9	9	\t	Horizontal tab
LF	10	a	\n	Line Feed
VT	11	b	\v	Vertical tab
FF	12	c	\f	Form Feed, clear page
CR	13	d	\r	Carriage Return
SO	14	e		Shift Out
SI	15	f		Shift In
DLE	16	10		Data Link Escape
DC1	17	11		Device Control 1
DC2	18	12		Device Control 2
DC3	19	13		Device Control 3
DC4	20	14		Device Control 4
NAK	21	15		Negative acknowledge
SYN	22	16		Synchronous idle
ETB	23	17		End Transmission Block
CAN	24	17		Cancel line
EM	25	19		End of Medium
SUB	26	1a		Substitution
ESC	27	1b		Escape
FS	28	1c		File Separator
GS	29	1d		Group Separator
RS	30	1e		Record Separator
US	31	1f		Unit Separator
SP	32	20		Space
!	33	21		Exclamation mark
"	34	22		Quotation mark
#	35	23		Cross hatch (number sign)
\$	36	24		Dollar sign
%	37	25		Percent sign
&	38	26		Ampersand
'	39	27	\'	Single quote (apostrophe)
(40	28		Opening parentheses
)	41	29		Closing parentheses
*	42	2a		Asterisk
+	43	2b		Plus
,	44	2c		Comma
-	45	2d		Hyphen, dash, minus
.	46	2e		Period
/	47	2f		Forward slash

0	48	30	Zero
1	49	31	One
2	50	32	Two
3	51	33	Three
4	52	34	Four
5	53	35	Five
6	54	36	Six
7	55	37	Seven
8	56	38	Eight
9	57	39	Nine
:	58	3a	Colon
;	59	3b	Semicolon
<	60	3c	Less than sign
=	61	3d	Equals sign
>	62	3e	Greater than sign
?	63	3f	Question mark
@	64	40	At-sign
A	65	41	Uppercase A
B	66	42	Uppercase B
C	67	43	Uppercase C
D	68	44	Uppercase D
E	69	45	Uppercase E
F	70	46	Uppercase F
G	71	47	Uppercase G
H	72	48	Uppercase H
I	73	49	Uppercase I
J	74	4a	Uppercase J
K	75	4b	Uppercase K
L	76	4c	Uppercase L
M	77	4d	Uppercase M
N	78	4e	Uppercase N
O	79	4f	Uppercase O
P	80	50	Uppercase P
Q	81	51	Uppercase Q
R	82	52	Uppercase R
S	83	53	Uppercase S
T	84	54	Uppercase T
U	85	55	Uppercase U
V	86	56	Uppercase V
W	87	57	Uppercase W
X	88	58	Uppercase X
Y	89	59	Uppercase Y
Z	90	5a	Uppercase Z
[91	5b	Opening square bracket
\	92	5c	Backslash
]	93	5d	Closing square bracket
^	94	5e	Caret (Circumflex)
_	95	5f	Underscore
`	96	60	Back quote
a	97	61	Lowercase a
b	98	62	Lowercase b
c	99	63	Lowercase c

d	100	64	Lowercase d
e	101	65	Lowercase e
f	102	66	Lowercase f
g	103	67	Lowercase g
h	104	68	Lowercase h
i	105	69	Lowercase i
j	106	6a	Lowercase j
k	107	6b	Lowercase k
l	108	6c	Lowercase l
m	109	6d	Lowercase m
n	110	6e	Lowercase n
o	111	6f	Lowercase o
p	112	70	Lowercase p
q	113	71	Lowercase q
r	114	72	Lowercase r
s	115	73	Lowercase s
t	116	74	Lowercase t
u	117	75	Lowercase u
v	118	76	Lowercase v
w	119	77	Lowercase w
x	120	78	Lowercase x
y	121	79	Lowercase y
z	122	7a	Lowercase z
{	123	7b	Opening curly brace
 	124	7c	Vertical line
}	125	7d	Closing curly brace
~	126	7e	Tilde
DEL	127	7f	Delete

N.B. when using % in a printf formatting string, you must use %%.