

ASCII - Binary - Decimal Conversion

Data Hunter

		High Address							
Low	Hex	0	1	2	3	4	5	6	7
Hex	binary	0000	0001	0010	0011	0100	0101	0110	0111
0	0000	NUL ⁰ ₀₀	DLE ¹⁶ ₁₀	SP ³² ₂₀	0 ⁴⁸ ₃₀	@ ⁶⁴ ₄₀	P ⁸⁰ ₅₀	' ⁹⁶ ₆₀	p ¹¹² ₇₀
1	0001	SOH ¹ ₀₁	DC1 ^{XON 17} ₁₁	! ³³ ₂₁	1 ⁴⁹ ₃₁	A ⁶⁵ ₄₁	Q ⁸¹ ₅₁	a ⁹⁷ ₆₁	q ¹¹³ ₇₁
2	0010	STX ² ₀₂	DC2 ^{XOF 18} ₁₂	" ³⁴ ₂₂	2 ⁵⁰ ₃₂	B ⁶⁶ ₄₂	R ⁸² ₅₂	b ⁹⁸ ₆₂	r ¹¹⁴ ₇₂
3	0011	ETX ³ ₀₃	DC3 ^{XOF 19} ₁₃	# ³⁵ ₂₃	3 ⁵¹ ₃₃	C ⁶⁷ ₄₃	S ⁸³ ₅₃	c ⁹⁹ ₆₃	s ¹¹⁵ ₇₃
4	0100	EOT ⁴ ₀₄	DC4 ²⁰ ₁₄	\$ ³⁶ ₂₄	4 ⁵² ₃₄	D ⁶⁸ ₄₄	T ⁸⁴ ₅₄	d ¹⁰⁰ ₆₄	t ¹¹⁶ ₇₄
5	0101	ENQ ⁵ ₀₅	NAK ²¹ ₁₅	% ³⁷ ₂₅	5 ⁵³ ₃₅	E ⁶⁹ ₄₅	U ⁸⁵ ₅₅	e ¹⁰¹ ₆₅	u ¹¹⁷ ₇₅
6	0110	ACK ⁶ ₀₆	SYN ²² ₁₆	& ³⁸ ₂₆	6 ⁵⁴ ₃₆	F ⁷⁰ ₄₆	V ⁸⁶ ₅₆	f ¹⁰² ₆₆	v ¹¹⁸ ₇₆
7	0111	BEL ⁷ ₀₇	ETB ²³ ₁₇	' ^{(below " key) 39} ₂₇	7 ⁵⁵ ₃₇	G ⁷¹ ₄₇	W ⁸⁷ ₅₇	g ¹⁰³ ₆₇	w ¹¹⁹ ₇₇
8	1000	BS ⁸ ₀₈	CAN ²⁴ ₁₈	(⁴⁰ ₂₈	8 ⁵⁶ ₃₈	H ⁷² ₄₈	X ⁸⁸ ₅₈	h ¹⁰⁴ ₆₈	x ¹²⁰ ₇₈
9	1001	HT ⁹ ₀₉	EM ²⁵ ₁₉) ⁴¹ ₂₉	9 ⁵⁷ ₃₉	I ⁷³ ₄₉	Y ⁸⁹ ₅₉	i ¹⁰⁵ ₆₉	y ¹²¹ ₇₉
A	1010	LF ¹⁰ _{0A}	SUB ²⁶ _{1A}	* ⁴² _{2A}	:42 _{3A}	J ⁷⁴ _{4A}	Z ⁹⁰ _{5A}	j ¹⁰⁶ _{6A}	z ¹²² _{7A}
B	1011	VT ¹¹ _{0B}	ESC ²⁷ _{1B}	+ ⁴³ _{2B}	; ⁵⁹ _{3B}	K ⁷⁵ _{4B}	[⁹¹ _{5B}	k ¹⁰⁷ _{6B}	{ ¹²³ _{7B}
C	1100	FF ¹² _{0C}	FS ²⁸ _{1C}	, ⁴⁴ _{2C}	< ⁶⁰ _{3C}	L ⁷⁶ _{4C}	\ ⁹² _{5C}	l ¹⁰⁸ _{6C}	¹²⁴ _{7C}
D	1101	CR ¹³ _{0D}	GS ²⁹ _{1D}	- ⁴⁵ _{2D}	= ⁶¹ _{3D}	M ⁷⁷ _{4D}] ⁹³ _{5D}	m ¹⁰⁹ _{6D}	} ¹²⁵ _{7D}
E	1110	SO ¹⁴ _{0E}	RS ³⁰ _{1E}	. ⁴⁶ _{2E}	> ⁶² _{3E}	N ⁷⁸ _{4E}	^ ⁹⁴ _{5E}	n ¹¹⁰ _{6E}	~ ¹²⁶ _{7E}
F	1111	SI ¹⁵ _{0F}	US ³¹ _{1F}	/ ⁴⁷ _{2F}	? ⁶³ _{3F}	O ⁷⁹ _{4F}	_ ⁹⁵ _{5F}	o ¹¹¹ _{6F}	del ¹²⁷ _{7F}

ACK - Acknowledge
BEL - Bell
BS - Backspace
CAN - Cancel
CR - Carriage Return
DC1 - Device Control 1
DC2 - Device Control 2
DC3 - Device Control 3
DC4 - Device Control 4
DEL - Delete
DLE - Data Link Escape

EOT - End of Transmission
EM - End of Medium
ENQ - Enquiry
ESC - Escape
ETX - End of Text
ETB - End of Transmission Block
FF - Form Feed
FS - File Separator
GS - Group Separator
HT - Horizontal Tabulation
LF - Line Feed

NAK - Negative Acknowledgement
NUL - Null
RS - Record Separator
SI - Shift In
SO - Shift Out
SOH - Start of Heading
SP - Space
STX - Start of Text
SUB - Substitute
SYN - Synchronous Idle
US - Unit Separator
VT - Vertical Tabulation