Binary Alphabet Reference

A free printable from TheWordFinder.com — 8-bit ASCII binary

01000010 01101001 01101110 01100001 01110010 01111001

LETTERS

Uppercase A–Z · lowercase a–z

CHAR	BINARY	char	binary	CHAR	BINARY	char	binary
A	01000001	a	01100001	N	01001110	n	01101110
B	01000010	b	01100010	O	01001111	o	01101111
C	01000011	c	01100011	P	01010000	p	01110000
D	01000100	d	01100100	Q	01010001	q	01110001
E	01000101	e	01100101	R	01010010	r	01110010
F	01000110	f	01100110	S	01010011	s	01110011
G	01000111	g	01100111	T	01010100	t	01110100
H	01001000	h	01101000	U	01010101	u	01110101
I	01001001	i	01101001	V	01010110	v	01110110
J	01001010	j	01101010	W	01010111	w	01110111
K	01001011	k	01101011	X	01011000	x	01111000
L	01001100	l	01101100	Y	01011001	y	01111001
M	01001101	m	01101101	Z	01011010	z	01111010

DIGITS

0 through 9

DIGIT	BINARY	DIGIT	BINARY
0	00110000	5	00110101
1	00110001	6	00110110
2	00110010	7	00110111
3	00110011	8	00111000
4	00110100	9	00111001

PUNCTUATION

Common marks · with names

CHAR	NAME	BINARY	CHAR	NAME	BINARY
·	Space	00100000	-	Hyphen	00101101
!	Exclamation	00100001	.	Period	00101110
"	Quotation	00100010	/	Slash	00101111
'	Apostrophe	00100111	:	Colon	00111010
(	Open paren	00101000	;	Semicolon	00111011
)	Close paren	00101001	?	Question mark	00111111
,	Comma	00101100	@	At sign	01000000

Each character is one byte — 8 binary digits. To read a binary string, split it into 8-bit chunks and look up each chunk in this chart. Lowercase letters sit 32 values above their uppercase counterparts — a single flipped bit.

Interactive Binary Code Translator · thewordfinder.com/binary-code-translator/