

Binary to Decimal Conversion Chart: Quick Reference Guide

Computers speak in binary, a system built on just two digits: 0 and 1. We, on the other hand, count in decimal, our familiar base-10 system. This chart bridges that gap, offering a fast way to see what a binary number means in decimal, and vice-versa. It's a fundamental concept for anyone getting into coding, digital electronics, or just wanting to grasp the basics of computing. Keep this reference handy—you can print it out or save the PDF for quick lookups.

BINARY NUMBER ↕	DECIMAL VALUE ↕
0	0
1	1
10	2
11	3
100	4
101	5
110	6
111	7
1000	8
1001	9
1010	10
1011	11
1100	12
1101	13
1110	14
1111	15
10000	16
10001	17
10010	18
10011	19
10100	20
10101	21
10110	22
10111	23
11000	24
11001	25
11010	26
11011	27
11100	28
11101	29
11110	30
11111	31
100000	32

BINARY NUMBER ↑↓	DECIMAL VALUE ↑↓
100010	34
100011	35
100100	36
100101	37
100110	38
100111	39
101000	40
101001	41
101010	42
101011	43
101100	44
101101	45
101110	46
101111	47
110000	48
110001	49
110010	50
110011	51
110100	52
110101	53
110110	54
110111	55
111000	56
111001	57
111010	58
111011	59
111100	60
111101	61
111110	62
111111	63
1000000	64

65 rows