

# Binary to hexadecimal

There are only 10 people in the world who understands binary and those who don't

D6	D5	D4	D3	D2	D1	D0	CONTROL	D6	D5	D4	D3	D2	D1	D0	CONTROL	D6	D5	D4	D3	D2	D1	D0	CONTROL	D6	D5	D4	D3	D2	D1	D0	CONTROL
0	0	0	0	0	0	0	00	0	1	0	0	0	0	0	20	1	0	0	0	0	0	0	40	1	1	0	0	0	0	60	
0	0	0	0	0	0	1	01	0	1	0	0	0	0	1	21	1	0	0	0	0	0	1	41	1	1	0	0	0	0	61	
0	0	0	0	0	1	0	02	0	1	0	0	0	1	0	22	1	0	0	0	0	1	0	42	1	1	0	0	0	1	62	
0	0	0	0	0	1	1	03	0	1	0	0	0	1	1	23	1	0	0	0	0	1	1	43	1	1	0	0	0	1	63	
0	0	0	0	1	0	0	04	0	1	0	0	1	0	0	24	1	0	0	0	1	0	0	44	1	1	0	0	1	0	64	
0	0	0	0	1	0	1	05	0	1	0	0	1	0	1	25	1	0	0	0	1	0	1	45	1	1	0	0	1	0	65	
0	0	0	0	1	1	0	06	0	1	0	0	1	1	0	26	1	0	0	0	1	1	0	46	1	1	0	0	1	1	66	
0	0	0	0	1	1	1	07	0	1	0	0	1	1	1	27	1	0	0	0	1	1	1	47	1	1	0	0	1	1	67	
0	0	0	1	0	0	0	08	0	1	0	1	0	0	0	28	1	0	0	1	0	0	0	48	1	1	0	1	0	0	68	
0	0	0	1	0	0	1	09	0	1	0	1	0	0	1	29	1	0	0	1	0	0	1	49	1	1	0	1	0	0	69	
0	0	0	1	0	1	0	0A	0	1	0	1	0	1	0	2A	1	0	0	1	0	1	0	4A	1	1	0	1	0	1	6A	
0	0	0	1	0	1	1	0B	0	1	0	1	0	1	1	2B	1	0	0	1	0	1	1	4B	1	1	0	1	0	1	6B	
0	0	0	1	1	0	0	0C	0	1	0	1	1	0	0	2C	1	0	0	1	1	0	0	4C	1	1	0	1	1	0	6C	
0	0	0	1	1	0	1	0D	0	1	0	1	1	0	1	2D	1	0	0	1	1	0	1	4D	1	1	0	1	1	0	6D	
0	0	0	1	1	1	0	0E	0	1	0	1	1	1	0	2E	1	0	0	1	1	1	0	4E	1	1	0	1	1	1	6E	
0	0	0	1	1	1	1	0F	0	1	0	1	1	1	1	2F	1	0	0	1	1	1	1	4F	1	1	0	1	1	1	6F	
0	0	1	0	0	0	0	10	0	1	1	0	0	0	0	30	1	0	1	0	0	0	0	50	1	1	1	0	0	0	70	
0	0	1	0	0	0	1	11	0	1	1	0	0	0	1	31	1	0	1	0	0	0	1	51	1	1	1	0	0	0	71	
0	0	1	0	0	1	0	12	0	1	1	0	0	1	0	32	1	0	1	0	0	1	0	52	1	1	1	0	0	1	72	
0	0	1	0	0	1	1	13	0	1	1	0	0	1	1	33	1	0	1	0	0	1	1	53	1	1	1	0	0	1	73	
0	0	1	0	1	0	0	14	0	1	1	0	1	0	0	34	1	0	1	0	1	0	0	54	1	1	1	0	1	0	74	
0	0	1	0	1	0	1	15	0	1	1	0	1	0	1	35	1	0	1	0	1	0	1	55	1	1	1	0	1	0	75	
0	0	1	0	1	1	0	16	0	1	1	0	1	1	0	36	1	0	1	0	1	1	0	56	1	1	1	0	1	1	76	
0	0	1	0	1	1	1	17	0	1	1	0	1	1	1	37	1	0	1	0	1	1	1	57	1	1	1	0	1	1	77	
0	0	1	1	0	0	0	18	0	1	1	1	0	0	0	38	1	0	1	1	0	0	0	58	1	1	1	1	0	0	78	
0	0	1	1	0	0	1	19	0	1	1	1	0	0	1	39	1	0	1	1	0	0	1	59	1	1	1	1	0	0	79	
0	0	1	1	0	1	0	1A	0	1	1	1	0	1	0	3A	1	0	1	1	0	1	0	5A	1	1	1	1	0	1	7A	
0	0	1	1	0	1	1	1B	0	1	1	1	0	1	1	3B	1	0	1	1	0	1	1	5B	1	1	1	1	0	1	7B	
0	0	1	1	1	0	0	1C	0	1	1	1	1	0	0	3C	1	0	1	1	1	0	0	5C	1	1	1	1	1	0	7C	
0	0	1	1	1	0	1	1D	0	1	1	1	1	0	1	3D	1	0	1	1	1	0	1	5D	1	1	1	1	1	0	7D	
0	0	1	1	1	1	0	1E	0	1	1	1	1	1	0	3E	1	0	1	1	1	1	0	5E	1	1	1	1	1	1	7E	
0	0	1	1	1	1	1	1F	0	1	1	1	1	1	1	3F	1	0	1	1	1	1	1	5F	1	1	1	1	1	1	7F	

## Analog to hexadecimal

### Voltage [V] CONTROL

0,00	00
0,03	01
0,05	02
0,08	03
0,10	04
0,13	05
0,16	06
0,18	07
0,21	08
0,23	09
0,26	0A
0,29	0B
0,31	0C
0,34	0D
0,36	0E
0,39	0F
0,42	10
0,44	11
0,47	12
0,49	13
0,52	14
0,55	15
0,57	16
0,60	17
0,62	18
0,65	19
0,68	1A
0,70	1B
0,73	1C
0,75	1D
0,78	1E
0,81	1F

### Voltage [V] CONTROL

0,83	20
0,86	21
0,88	22
0,91	23
0,94	24
0,96	25
0,99	26
1,01	27
1,04	28
1,07	29
1,09	2A
1,12	2B
1,14	2C
1,17	2D
1,20	2E
1,22	2F
1,25	30
1,27	31
1,30	32
1,33	33
1,35	34
1,38	35
1,40	36
1,43	37
1,46	38
1,48	39
1,51	3A
1,53	3B
1,56	3C
1,59	3D
1,61	3E
1,64	3F

### Voltage [V] CONTROL

1,66	40
1,69	41
1,71	42
1,74	43
1,77	44
1,79	45
1,82	46
1,84	47
1,87	48
1,90	49
1,92	4A
1,95	4B
1,97	4C
2,00	4D
2,03	4E
2,05	4F
2,08	50
2,10	51
2,13	52
2,16	53
2,18	54
2,21	55
2,23	56
2,26	57
2,29	58
2,31	59
2,34	5A
2,36	5B
2,39	5C
2,42	5D
2,44	5E
2,47	5F

### Voltage [V] CONTROL

2,49	60
2,52	61
2,55	62
2,57	63
2,60	64
2,62	65
2,65	66
2,68	67
2,70	68
2,73	69
2,75	6A
2,78	6B
2,81	6C
2,83	6D
2,86	6E
2,88	6F
2,91	70
2,94	71
2,96	72
2,99	73
3,01	74
3,04	75
3,07	76
3,09	77
3,12	78
3,14	79
3,17	7A
3,20	7B
3,22	7C
3,25	7D
3,27	7E
3,30	7F