

Numbers from 0 to 63 in base 2 to 22

| Base 10 | Base 2 | Base 3 | Base 4 | Base 5 | Base 6 | Base 7 | Base 8 | Base 9 | Base 11 | Base 12 |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 10 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 11 | 10 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 100 | 11 | 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 101 | 12 | 11 | 10 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 110 | 20 | 12 | 11 | 10 | 6 | 6 | 6 | 6 | 6 |
| 7 | 111 | 21 | 13 | 12 | 11 | 10 | 7 | 7 | 7 | 7 |
| 8 | 1000 | 22 | 20 | 13 | 12 | 11 | 10 | 8 | 8 | 8 |
| 9 | 1001 | 100 | 21 | 14 | 13 | 12 | 11 | 10 | 9 | 9 |
| 10 | 1010 | 101 | 22 | 20 | 14 | 13 | 12 | 11 | A | A |
| 11 | 1011 | 102 | 23 | 21 | 15 | 14 | 13 | 12 | 10 | B |
| 12 | 1100 | 110 | 30 | 22 | 20 | 15 | 14 | 13 | 11 | 10 |
| 13 | 1101 | 111 | 31 | 23 | 21 | 16 | 15 | 14 | 12 | 11 |
| 14 | 1110 | 112 | 32 | 24 | 22 | 20 | 16 | 15 | 13 | 12 |
| 15 | 1111 | 120 | 33 | 30 | 23 | 21 | 17 | 16 | 14 | 13 |
| 16 | 10000 | 121 | 100 | 31 | 24 | 22 | 20 | 17 | 15 | 14 |
| 17 | 10001 | 122 | 101 | 32 | 25 | 23 | 21 | 18 | 16 | 15 |
| 18 | 10010 | 200 | 102 | 33 | 30 | 24 | 22 | 20 | 17 | 16 |
| 19 | 10011 | 201 | 103 | 34 | 31 | 25 | 23 | 21 | 18 | 17 |
| 20 | 10100 | 202 | 110 | 40 | 32 | 26 | 24 | 22 | 19 | 18 |
| 21 | 10101 | 210 | 111 | 41 | 33 | 30 | 25 | 23 | 1A | 19 |
| 22 | 10110 | 211 | 112 | 42 | 34 | 31 | 26 | 24 | 20 | 1A |
| 23 | 10111 | 212 | 113 | 43 | 35 | 32 | 27 | 25 | 21 | 1B |
| 24 | 11000 | 220 | 120 | 44 | 40 | 33 | 30 | 26 | 22 | 20 |
| 25 | 11001 | 221 | 121 | 100 | 41 | 34 | 31 | 27 | 23 | 21 |
| 26 | 11010 | 222 | 122 | 101 | 42 | 35 | 32 | 28 | 24 | 22 |
| 27 | 11011 | 1000 | 123 | 102 | 43 | 36 | 33 | 30 | 25 | 23 |
| 28 | 11100 | 1001 | 130 | 103 | 44 | 40 | 34 | 31 | 26 | 24 |
| 29 | 11101 | 1002 | 131 | 104 | 45 | 41 | 35 | 32 | 27 | 25 |
| 30 | 11110 | 1010 | 132 | 110 | 50 | 42 | 36 | 33 | 28 | 26 |
| 31 | 11111 | 1011 | 133 | 111 | 51 | 43 | 37 | 34 | 29 | 27 |
| 32 | 100000 | 1012 | 200 | 112 | 52 | 44 | 40 | 35 | 2A | 28 |
| 33 | 100001 | 1020 | 201 | 113 | 53 | 45 | 41 | 36 | 30 | 29 |
| 34 | 100010 | 1021 | 202 | 114 | 54 | 46 | 42 | 37 | 31 | 2A |
| 35 | 100011 | 1022 | 203 | 120 | 55 | 50 | 43 | 38 | 32 | 2B |
| 36 | 100100 | 1100 | 210 | 121 | 100 | 51 | 44 | 40 | 33 | 30 |
| 37 | 100101 | 1101 | 211 | 122 | 101 | 52 | 45 | 41 | 34 | 31 |
| 38 | 100110 | 1102 | 212 | 123 | 102 | 53 | 46 | 42 | 35 | 32 |
| 39 | 100111 | 1110 | 213 | 124 | 103 | 54 | 47 | 43 | 36 | 33 |
| 40 | 101000 | 1111 | 220 | 130 | 104 | 55 | 50 | 44 | 37 | 34 |
| 41 | 101001 | 1112 | 221 | 131 | 105 | 56 | 51 | 45 | 38 | 35 |
| 42 | 101010 | 1120 | 222 | 132 | 110 | 60 | 52 | 46 | 39 | 36 |
| 43 | 101011 | 1121 | 223 | 133 | 111 | 61 | 53 | 47 | 3A | 37 |
| 44 | 101100 | 1122 | 230 | 134 | 112 | 62 | 54 | 48 | 40 | 38 |
| 45 | 101101 | 1200 | 231 | 140 | 113 | 63 | 55 | 50 | 41 | 39 |
| 46 | 101110 | 1201 | 232 | 141 | 114 | 64 | 56 | 51 | 42 | 3A |
| 47 | 101111 | 1202 | 233 | 142 | 115 | 65 | 57 | 52 | 43 | 3B |
| 48 | 110000 | 1210 | 300 | 143 | 120 | 66 | 60 | 53 | 44 | 40 |
| 49 | 110001 | 1211 | 301 | 144 | 121 | 100 | 61 | 54 | 45 | 41 |
| 50 | 110010 | 1212 | 302 | 200 | 122 | 101 | 62 | 55 | 46 | 42 |
| 51 | 110011 | 1220 | 303 | 201 | 123 | 102 | 63 | 56 | 47 | 43 |
| 52 | 110100 | 1221 | 310 | 202 | 124 | 103 | 64 | 57 | 48 | 44 |
| 53 | 110101 | 1222 | 311 | 203 | 125 | 104 | 65 | 58 | 49 | 45 |
| 54 | 110110 | 2000 | 312 | 204 | 130 | 105 | 66 | 60 | 4A | 46 |
| 55 | 110111 | 2001 | 313 | 210 | 131 | 106 | 67 | 61 | 50 | 47 |
| 56 | 111000 | 2002 | 320 | 211 | 132 | 110 | 70 | 62 | 51 | 48 |
| 57 | 111001 | 2010 | 321 | 212 | 133 | 111 | 71 | 63 | 52 | 49 |
| 58 | 111010 | 2011 | 322 | 213 | 134 | 112 | 72 | 64 | 53 | 4A |
| 59 | 111011 | 2012 | 323 | 214 | 135 | 113 | 73 | 65 | 54 | 4B |
| 60 | 111100 | 2020 | 330 | 220 | 140 | 114 | 74 | 66 | 55 | 50 |
| 61 | 111101 | 2021 | 331 | 221 | 141 | 115 | 75 | 67 | 56 | 51 |
| 62 | 111110 | 2022 | 332 | 222 | 142 | 116 | 76 | 68 | 57 | 52 |
| 63 | 111111 | 2100 | 333 | 223 | 143 | 120 | 77 | 70 | 58 | 53 |

| Base 10 | Base 13 | Base 14 | Base 15 | Base 16 | Base 17 | Base 18 | Base 19 | Base 20 | Base 21 | Base 22 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 10 | A | A | A | A | A | A | A | A | A | A |
| 11 | B | B | B | B | B | B | B | B | B | B |
| 12 | C | C | C | C | C | C | C | C | C | C |
| 13 | 10 | D | D | D | D | D | D | D | D | D |
| 14 | 11 | 10 | E | E | E | E | E | E | E | E |
| 15 | 12 | 11 | 10 | F | F | F | F | F | F | F |
| 16 | 13 | 12 | 11 | 10 | G | G | G | G | G | G |
| 17 | 14 | 13 | 12 | 11 | 10 | H | H | H | H | H |
| 18 | 15 | 14 | 13 | 12 | 11 | 10 | I | I | I | I |
| 19 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | J | J | J |
| 20 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | K | K |
| 21 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | L |
| 22 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 |
| 23 | 1A | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
| 24 | 1B | 1A | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| 25 | 1C | 1B | 1A | 19 | 18 | 17 | 16 | 15 | 14 | 13 |
| 26 | 20 | 1C | 1B | 1A | 19 | 18 | 17 | 16 | 15 | 14 |
| 27 | 21 | 1D | 1C | 1B | 1A | 19 | 18 | 17 | 16 | 15 |
| 28 | 22 | 20 | 1D | 1C | 1B | 1A | 19 | 18 | 17 | 16 |
| 29 | 23 | 21 | 1E | 1D | 1C | 1B | 1A | 19 | 18 | 17 |
| 30 | 24 | 22 | 20 | 1E | 1D | 1C | 1B | 1A | 19 | 18 |
| 31 | 25 | 23 | 21 | 1F | 1E | 1D | 1C | 1B | 1A | 19 |
| 32 | 26 | 24 | 22 | 20 | 1F | 1E | 1D | 1C | 1B | 1A |
| 33 | 27 | 25 | 23 | 21 | 1G | 1F | 1E | 1D | 1C | 1B |
| 34 | 28 | 26 | 24 | 22 | 20 | 1G | 1F | 1E | 1D | 1C |
| 35 | 29 | 27 | 25 | 23 | 21 | 1H | 1G | 1F | 1E | 1D |
| 36 | 2A | 28 | 26 | 24 | 22 | 20 | 1H | 1G | 1F | 1E |
| 37 | 2B | 29 | 27 | 25 | 23 | 21 | 1I | 1H | 1G | 1F |
| 38 | 2C | 2A | 28 | 26 | 24 | 22 | 20 | 1I | 1H | 1G |
| 39 | 30 | 2B | 29 | 27 | 25 | 23 | 21 | 1J | 1I | 1H |
| 40 | 31 | 2C | 2A | 28 | 26 | 24 | 22 | 20 | 1J | 1I |
| 41 | 32 | 2D | 2B | 29 | 27 | 25 | 23 | 21 | 1K | 1J |
| 42 | 33 | 30 | 2C | 2A | 28 | 26 | 24 | 22 | 20 | 1K |
| 43 | 34 | 31 | 2D | 2B | 29 | 27 | 25 | 23 | 21 | 1L |
| 44 | 35 | 32 | 2E | 2C | 2A | 28 | 26 | 24 | 22 | 20 |
| 45 | 36 | 33 | 30 | 2D | 2B | 29 | 27 | 25 | 23 | 21 |
| 46 | 37 | 34 | 31 | 2E | 2C | 2A | 28 | 26 | 24 | 22 |
| 47 | 38 | 35 | 32 | 2F | 2D | 2B | 29 | 27 | 25 | 23 |
| 48 | 39 | 36 | 33 | 30 | 2E | 2C | 2A | 28 | 26 | 24 |
| 49 | 3A | 37 | 34 | 31 | 2F | 2D | 2B | 29 | 27 | 25 |
| 50 | 3B | 38 | 35 | 32 | 2G | 2E | 2C | 2A | 28 | 26 |
| 51 | 3C | 39 | 36 | 33 | 30 | 2F | 2D | 2B | 29 | 27 |
| 52 | 40 | 3A | 37 | 34 | 31 | 2G | 2E | 2C | 2A | 28 |
| 53 | 41 | 3B | 38 | 35 | 32 | 2H | 2F | 2D | 2B | 29 |
| 54 | 42 | 3C | 39 | 36 | 33 | 30 | 2G | 2E | 2C | 2A |
| 55 | 43 | 3D | 3A | 37 | 34 | 31 | 2H | 2F | 2D | 2B |
| 56 | 44 | 40 | 3B | 38 | 35 | 32 | 2I | 2G | 2E | 2C |
| 57 | 45 | 41 | 3C | 39 | 36 | 33 | 30 | 2H | 2F | 2D |
| 58 | 46 | 42 | 3D | 3A | 37 | 34 | 31 | 2I | 2G | 2E |
| 59 | 47 | 43 | 3E | 3B | 38 | 35 | 32 | 2J | 2H | 2F |
| 60 | 48 | 44 | 40 | 3C | 39 | 36 | 33 | 30 | 2I | 2G |
| 61 | 49 | 45 | 41 | 3D | 3A | 37 | 34 | 31 | 2J | 2H |
| 62 | 4A | 46 | 42 | 3E | 3B | 38 | 35 | 32 | 2K | 2I |
| 63 | 4B | 47 | 43 | 3F | 3C | 39 | 36 | 33 | 30 | 2J |

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