# Subnet Table For IPv4 Cheat Sheet
by danh via cheatography.com/80/cs/206/

| Subnet Range - Class A | | | |
| --- | --- | --- | --- |
| Type | Hosts | Netmask | Hex Value |
| /1 | 2048 M | 128.0.0.0 | 80.00.00.00 |
| /2 | 1024 M | 192.0.0.0 | C0.00.00.00 |
| /3 | 512 M | 224.0.0.0 | E0.00.00.00 |
| /4 | 256 M | 240.0.0.0 | F0.00.00.00 |
| /5 | 128 M | 248.0.0.0 | F8.00.00.00 |
| /6 | 64 M | 252.0.0.0 | FC.00.00.00 |
| /7 | 32 M | 254.0.0.0 | FE.00.00.00 |
| /8 | 16 M | 255.0.0.0 | FF.00.00.00 |

| Subnet Range - Class B | | | |
| --- | --- | --- | --- |
| Type | Host | Netmask | Hex Value |
| /9 | 8 M | 255.128.0.0 | FF.80.00.00 |
| /10 | 4 M | 255.192.0.0 | FF.C0.00.00 |
| /11 | 2 M | 255.224.0.0 | FF.E0.00.00 |
| /12 | 1024 K | 255.240.0.0 | FF.F0.00.00 |
| /13 | 512 K | 255.248.0.0 | FF.F8.00.00 |
| /14 | 256 K | 255.252.0.0 | FF.FC.00.00 |
| /15 | 128 K | 255.254.0.0 | FF.FE.00.00 |
| /16 | 64 K | 255.255.0.0 | FF.FF.00.00 |

| Subnet Range - Class C | | | |
| --- | --- | --- | --- |
| Type | Hosts | Netmask | Hex Value |
| /17 | 32 K | 255.255.128.0 | FF.FF.80.00 |
| /18 | 16 K | 255.255.192.0 | FF.FF.C0.00 |
| /19 | 8 K | 255.255.224.0 | FF.FF.E0.00 |
| /20 | 4 K | 255.255.240.0 | FF.FF.F0.00 |
| /21 | 2 K | 255.255.248.0 | FF.FF.F8.00 |
| /22 | 1 K | 255.255.252.0 | FF.FF.FC.00 |
| /23 | 512 | 255.255.254.0 | FF.FF.FE.00 |
| /24 | 256 | 255.255.255.0 | FF.FF.FF.00 |
| /25 | 128 | 255.255.255.128 | FF.FF.FF.80 |
| /26 | 64 | 255.255.255.192 | FF.FF.FF.C0 |
| /27 | 32 | 255.255.255.224 | FF.FF.FF.E0 |
| /28 | 16 | 255.255.255.240 | FF.FF.FF.F0 |
| /29 | 8 | 255.255.255.248 | FF.FF.FF.F8 |
| /30 | 4 | 255.255.255.252 | FF.FF.FF.FC |
| /31 | 2 | 255.255.255.254 | FF.FF.FF.FE |
| /32 | 1 | 255.255.255.255 | FF.FF.FF.FF |

## Cheatographer

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