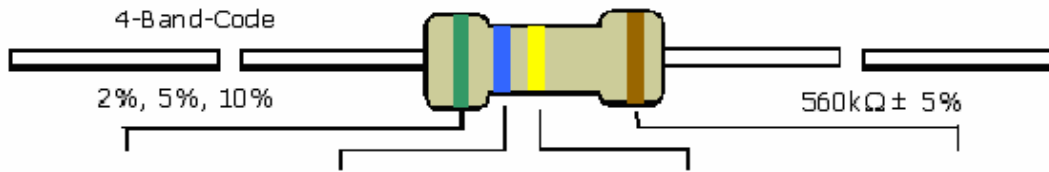


Common Resistor Values and Colors

1	Brown	Black	Gold	100	Brown	Black	Brown	10K	Brown	Black	Orange	1M	Brown	Black	Green
1.1	Brown	Brown	Gold	110	Brown	Brown	Brown	11K	Brown	Brown	Orange	1.1M	Brown	Brown	Green
1.2	Brown	Red	Gold	120	Brown	Red	Brown	12K	Brown	Red	Orange	1.2M	Brown	Red	Green
1.3	Brown	Orange	Gold	130	Brown	Orange	Brown	13K	Brown	Orange	Orange	1.3M	Brown	Orange	Green
1.5	Brown	Green	Gold	150	Brown	Green	Brown	15K	Brown	Green	Orange	1.5M	Brown	Green	Green
1.6	Brown	Blue	Gold	160	Brown	Blue	Brown	16K	Brown	Blue	Orange	1.6M	Brown	Blue	Green
1.8	Brown	Gray	Gold	180	Brown	Gray	Brown	18K	Brown	Gray	Orange	1.8M	Brown	Gray	Green
2	Red	Black	Gold	200	Red	Black	Brown	20K	Red	Black	Orange	2M	Red	Black	Green
2.2	Red	Red	Gold	220	Red	Red	Brown	22K	Red	Red	Orange	2.2M	Red	Red	Green
2.4	Red	Yellow	Gold	240	Red	Yellow	Brown	24K	Red	Yellow	Orange	2.4M	Red	Yellow	Green
2.7	Red	Violet	Gold	270	Red	Violet	Brown	27K	Red	Violet	Orange				
3	Orange	Black	Gold	300	Orange	Black	Brown	30K	Orange	Black	Orange				
3.3	Orange	Orange	Gold	330	Orange	Orange	Brown	33K	Orange	Orange	Orange				
3.6	Orange	Blue	Gold	360	Orange	Blue	Brown	36K	Orange	Blue	Orange				
3.9	Orange	White	Gold	390	Orange	White	Brown	39K	Orange	White	Orange				
4.3	Yellow	Orange	Gold	430	Yellow	Orange	Brown	43K	Yellow	Orange	Orange				
4.7	Yellow	Violet	Gold	470	Yellow	Violet	Brown	47K	Yellow	Violet	Orange				
5.1	Green	Brown	Gold	510	Green	Brown	Brown	51K	Green	Brown	Orange				
5.6	Green	Blue	Gold	560	Green	Blue	Brown	56K	Green	Blue	Orange				
6.2	Blue	Red	Gold	620	Blue	Red	Brown	62K	Blue	Red	Orange				
6.8	Blue	Gray	Gold	680	Blue	Gray	Brown	68K	Blue	Gray	Orange				
7.5	Violet	Green	Gold	750	Violet	Green	Brown	75K	Violet	Green	Orange				
8.2	Gray	Red	Gold	820	Gray	Red	Brown	82K	Gray	Red	Orange				
9.1	White	Brown	Gold	910	White	Brown	Brown	91K	White	Brown	Orange				
10	Brown	Black	Black	1K	Brown	Black	Red	100K	Brown	Black	Yellow				
11	Brown	Brown	Black	1.1K	Brown	Brown	Red	110K	Brown	Brown	Yellow				
12	Brown	Red	Black	1.2K	Brown	Red	Red	120K	Brown	Red	Yellow				
13	Brown	Orange	Black	1.3K	Brown	Orange	Red	130K	Brown	Orange	Yellow				
15	Brown	Green	Black	1.5K	Brown	Green	Red	150K	Brown	Green	Yellow				
16	Brown	Blue	Black	1.6K	Brown	Blue	Red	160K	Brown	Blue	Yellow				
18	Brown	Gray	Black	1.8K	Brown	Gray	Red	180K	Brown	Gray	Yellow				
20	Red	Black	Black	2K	Red	Black	Red	200K	Red	Black	Yellow				
22	Red	Red	Black	2.2K	Red	Red	Red	220K	Red	Red	Yellow				
24	Red	Yellow	Black	2.4K	Red	Yellow	Red	240K	Red	Yellow	Yellow				
27	Red	Violet	Black	2.7K	Red	Violet	Red	270K	Red	Violet	Yellow				
30	Orange	Black	Black	3K	Orange	Black	Red	300K	Orange	Black	Yellow				
33	Orange	Orange	Black	3.3K	Orange	Orange	Red	330K	Orange	Orange	Yellow				
36	Orange	Blue	Black	3.6K	Orange	Blue	Red	360K	Orange	Blue	Yellow				
39	Orange	White	Black	3.9K	Orange	White	Red	390K	Orange	White	Yellow				
43	Yellow	Orange	Black	4.3K	Yellow	Orange	Red	430K	Yellow	Orange	Yellow				
47	Yellow	Violet	Black	4.7K	Yellow	Violet	Red	470K	Yellow	Violet	Yellow				
51	Green	Brown	Black	5.1K	Green	Brown	Red	510K	Green	Brown	Yellow				
56	Green	Blue	Black	5.6K	Green	Blue	Red	560K	Green	Blue	Yellow				
62	Blue	Red	Black	6.2K	Blue	Red	Red	620K	Blue	Red	Yellow				
68	Blue	Gray	Black	6.8K	Blue	Gray	Red	680K	Blue	Gray	Yellow				
75	Violet	Green	Black	7.5K	Violet	Green	Red	750K	Violet	Green	Yellow				
82	Gray	Red	Black	8.2K	Gray	Red	Red	820K	Gray	Red	Yellow				
91	White	Brown	Black	9.1K	White	Brown	Red	910K	White	Brown	Yellow				

Color Code Chart



COLOR	1st BAND	2nd BAND	3rd BAND	MULTIPLIER	TOLERANCE
Black	0	0	0	1	
Brown	1	1	1	10	± 1% (F)
Red	2	2	2	100	± 2% (G)
Orange	3	3	3	1K	
Yellow	4	4	4	10K	
Green	5	5	5	100K	± 0.5% (D)
Blue	6	6	6	1M	± 0.25% (C)
Violet	7	7	7	10M	± 0.10% (B)
Gray	8	8	8		± 0.05%
White	9	9	9		
Gold					± 5% (J)
Silver					± 10% (K)

