

Convert the following color codes to their numerical values of resistance as well as the high and low tolerance values. Any value over 3 digits must use the proper prefix of Kilo or Mega..

1 <sup>st</sup> Band	2 <sup>nd</sup> Band	3 <sup>rd</sup> Band	4 <sup>th</sup> Band	Value	% Tolerance	Tolerance Value	High Value	Low Value
Brown	Black	Red	Gold	1K	5%	50	1050	950
Red	Red	Red		2.2K	20%	440	2640	1760
Green	Black	Green	Silver	5.0M	10%	500K	5.5M	4.5M
Brown	Black	Blue		10M	20%	2M	12M	8M
Yellow	Violet	Yellow	Silver	470K	10%	47K	517K	423K
Violet	Red	Black		72	20%	14.4	86.4	57.6
Green	Black	Gold	Gold	5.0	5%	.25	5.25	4.75
Gray	Red	Orange	Silver	82K	10%	8.2K	90.2K	73.8K
Blue	Gray	Silver	Gold	.68	5%	.034	.714	.646
Red	Red	Blue		22M	20%	4.4M	26.4M	17.6M
White	Gray	Green		9.8M	20%	1.96M	11.76M	7.84M
Orange	Orange	Orange	Silver	33K	10%	3.3K	36.3K	29.7K
Blue	Gray	Green	Gold	6.8M	5%	.34M	7.14M	6.46M
Red	Black	Black	Gold	20	5%	1	21	19
Brown	Black	Yellow	Silver	100K	10%	10K	110K	90K
Yellow	Black	Yellow		400K	20%	80K	480K	320K
Brown	Black	Brown	Silver	100	10%	10	110	90