

Resistor Identification

(Hobbyist / TTL /Arduino) range

Color	1 st Band	2 nd Band	3rd Band
Black	0	0	x 1 Ω
Brown	1	1	x 10 Ω
Red	2	2	x 100 Ω
Orange	3	3	x 1K Ω
Yellow	4	4	x 10K Ω
Green	5	5	x 100K Ω
Blue	6	6	x 1M Ω
Violet	7	7	x 10M Ω
Gold			x .1 Ω
Silver			x .01 Ω

By Martin Dengler (www.martindengler.com). Based on Zach Poff's excellent guide from http://www.zachpoff.com/site2/wp-content/uploads/resistor_color_codes.pdf