

Color array:

aqua	[0]
brown	[1]
chartreuse	[2]
Dark brown	[3]
green	[4]
indigo	[5]
lavender	[6]
magenta	[7]
red	[8]
violet	[9]
yellow	[10]

1st search: violet

First	Last	Middle	Comparison
0	10	5	Violet > Indigo
6	10	8	Violet > Red
9	10	9	Violet = Violet

2nd search: green

First	Last	Middle	Comparison
0	10	5	Green < Indigo
0	4	2	Green > Chartreuse
3	4	3	Green > Dark Brown
4	4	4	Green = Green

3rd search: yellow

First	Last	Middle	Comparison
0	10	5	Yellow > Indigo
6	10	8	Yellow > Red
9	10	9	Yellow > Violet
10	10	10	Yellow = Yellow