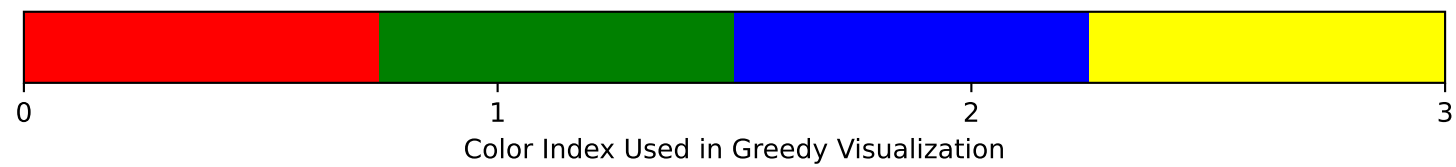
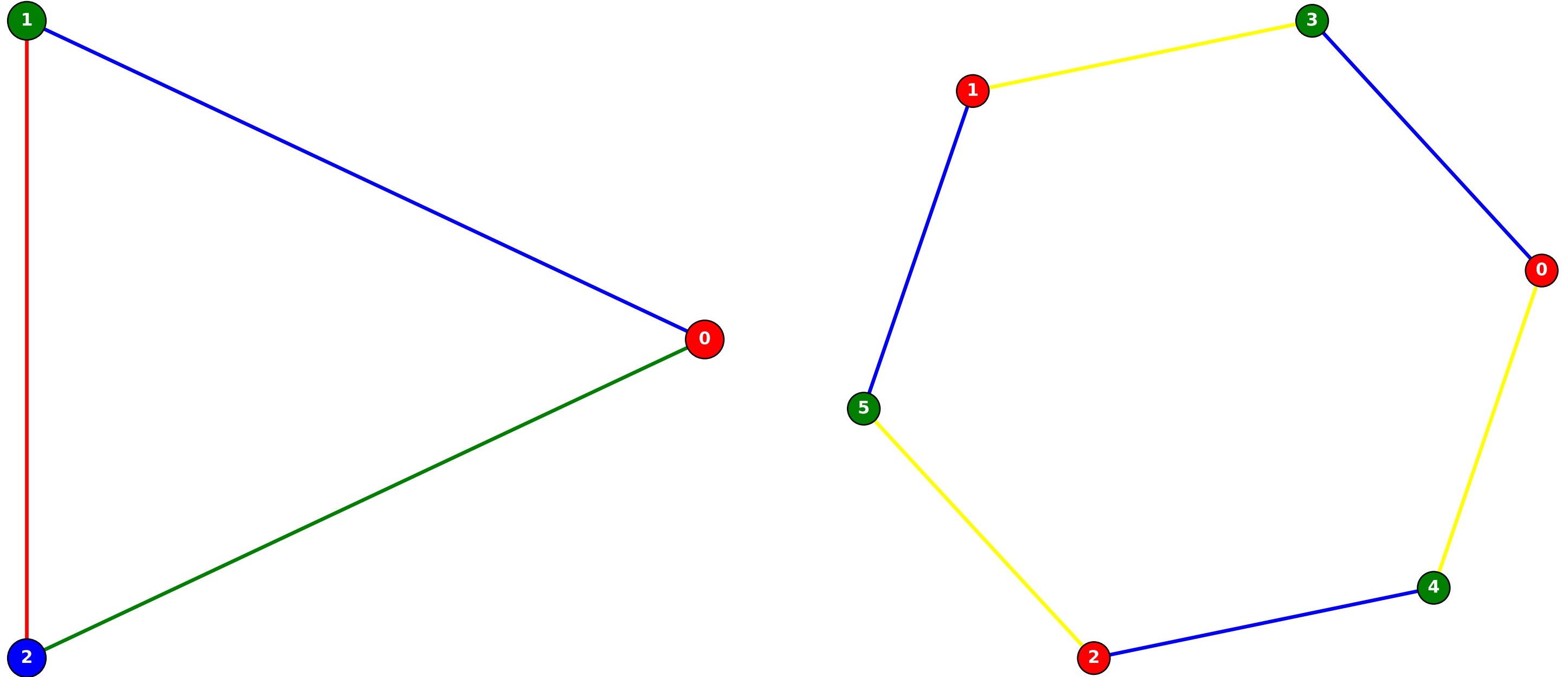


# Total Coloring Comparison for Complete Graph K3 (k=1)

Original: Complete Graph K3  
 $\chi'' = 4$

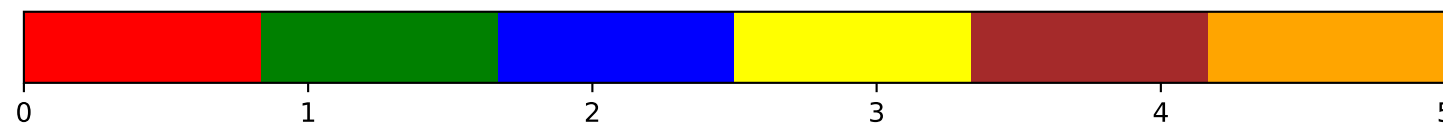
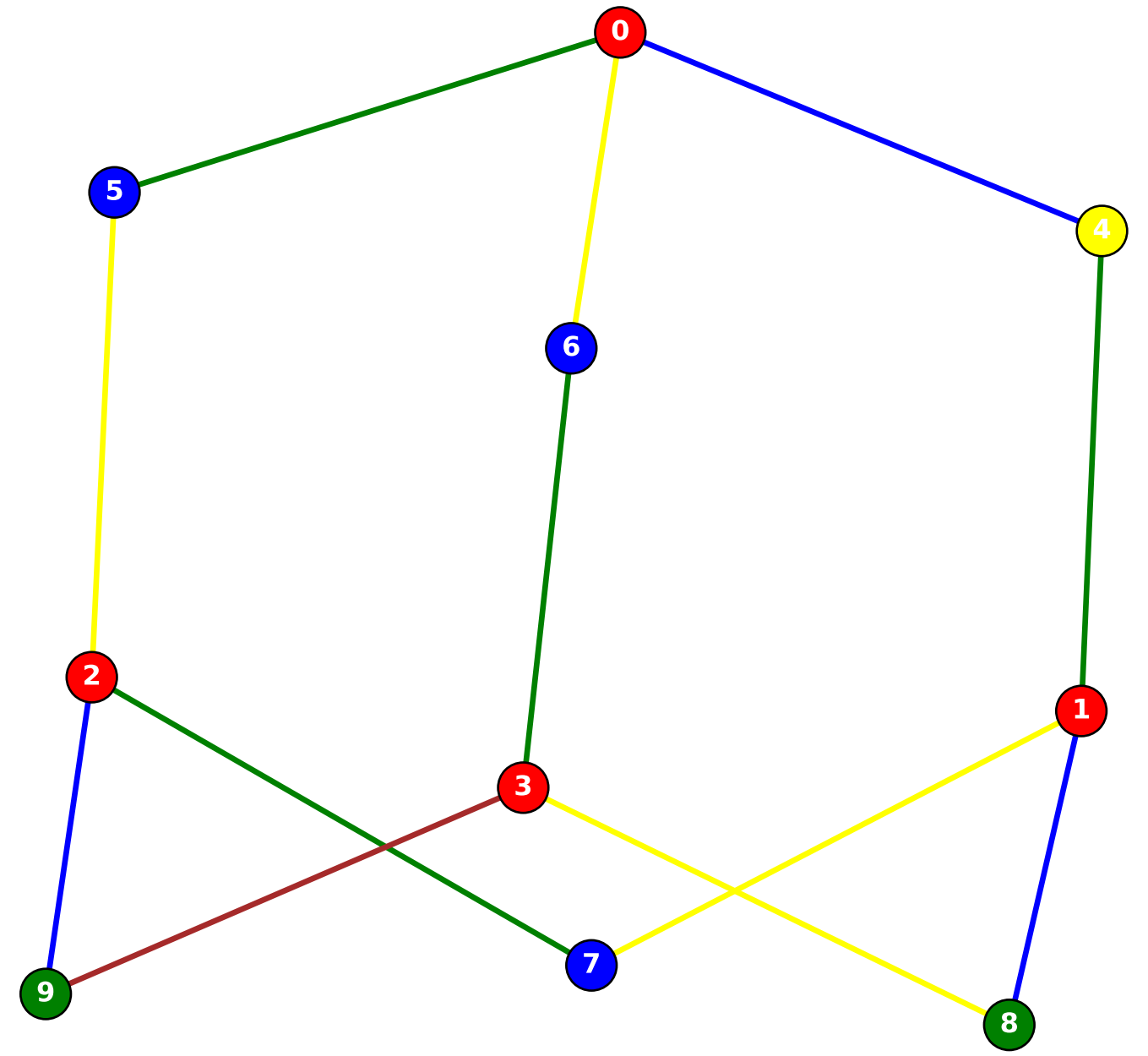
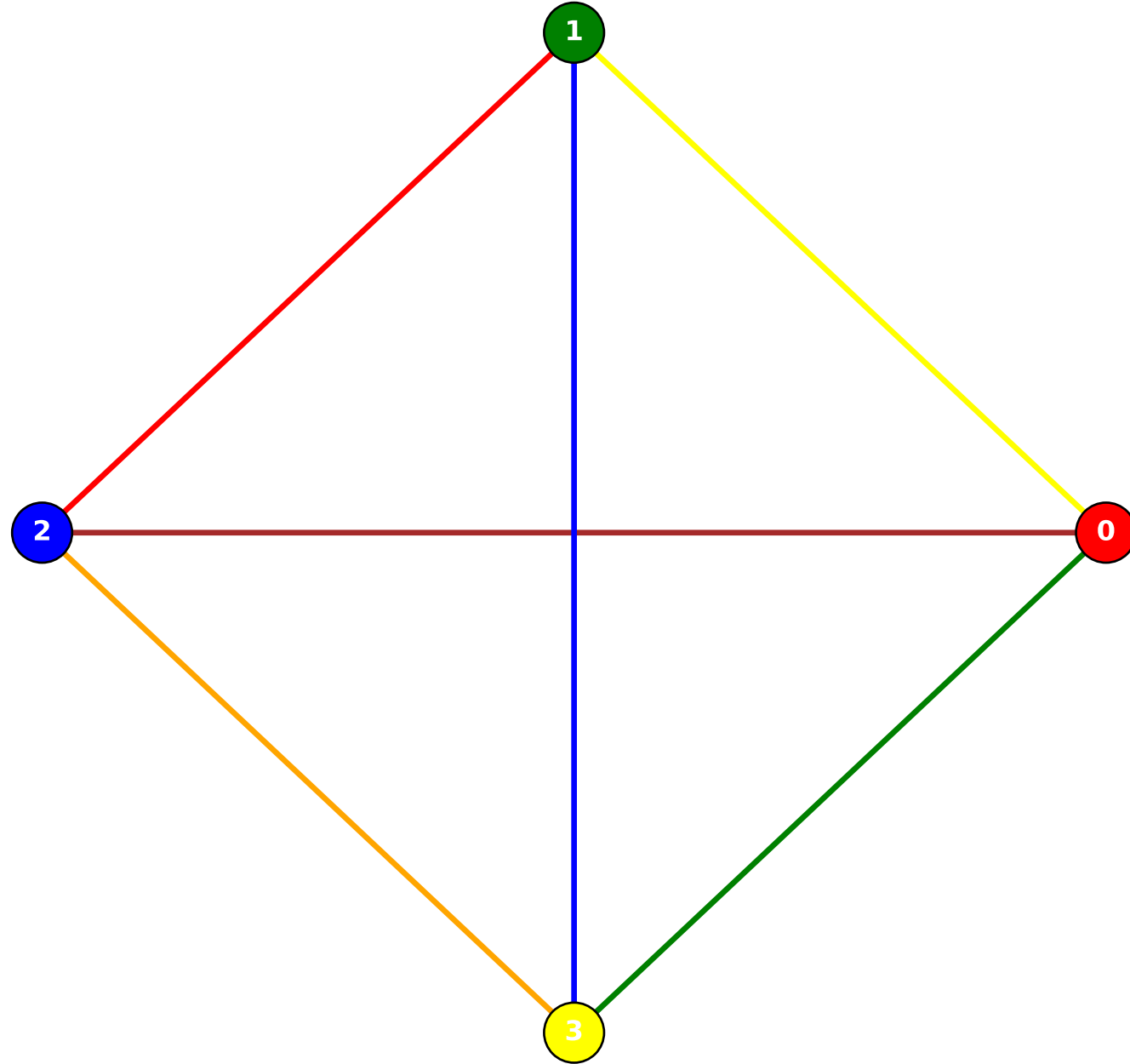
1-Subdivided  
 $\chi'' = 4$



# Total Coloring Comparison for Complete Graph K4 (k=1)

Original: Complete Graph K4  
 $\chi'' = 4$

1-Subdivided  
 $\chi'' = 5$

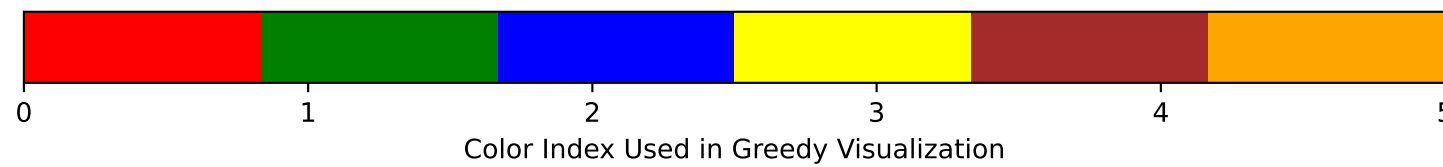
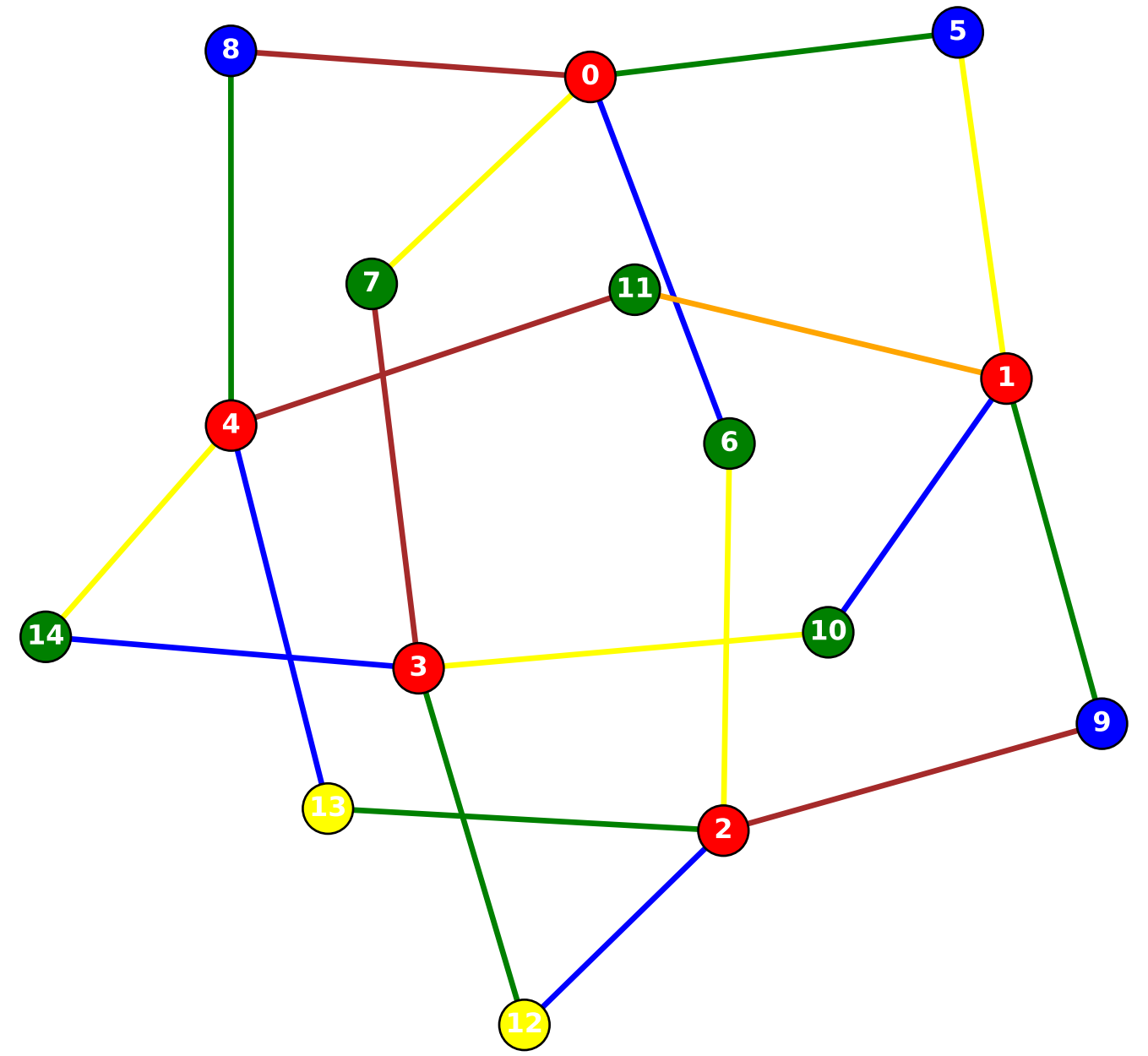
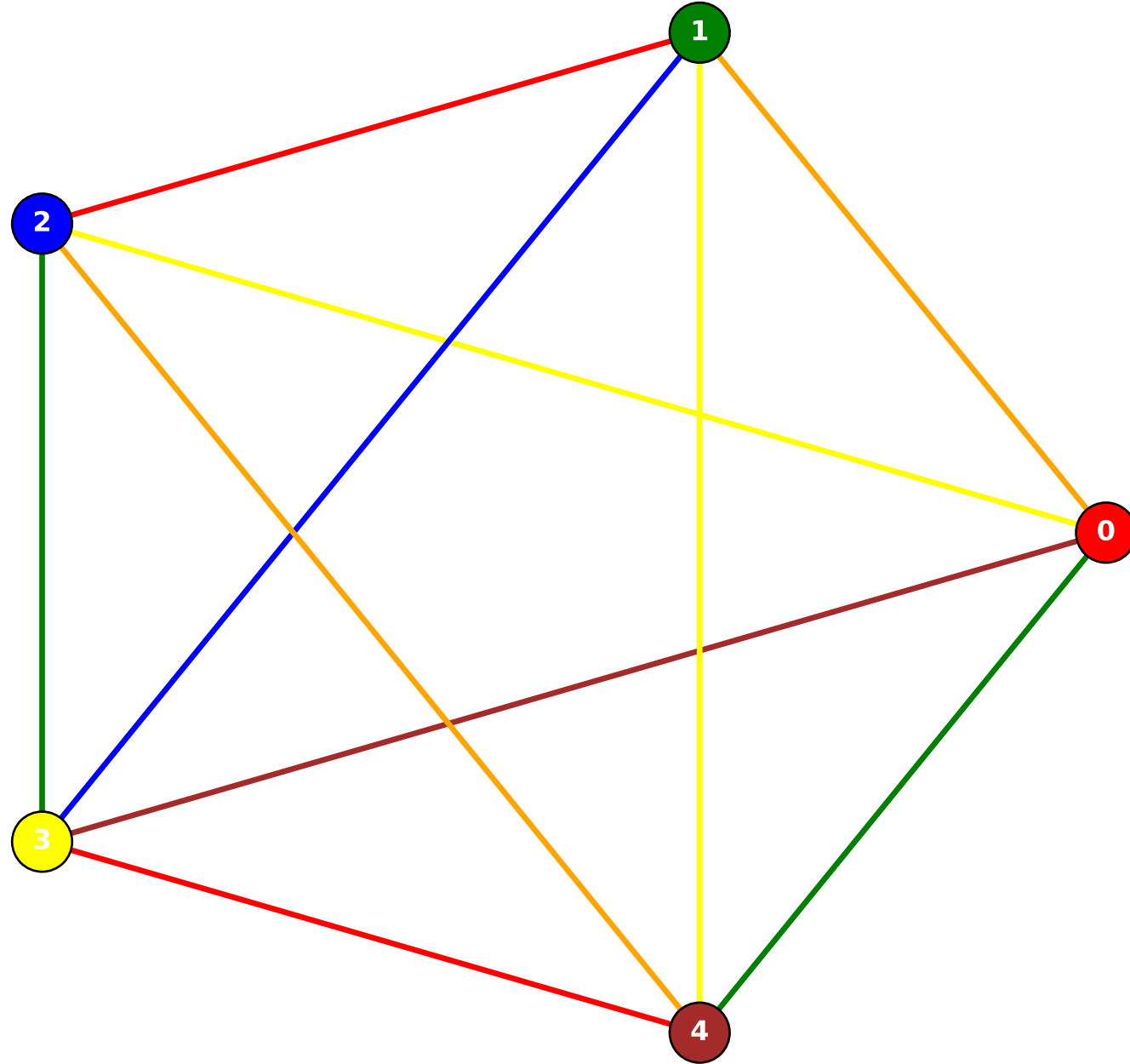


Color Index Used in Greedy Visualization

Total Coloring Comparison for Complete Graph K5 (k=1)

Original: Complete Graph K5  
 $\chi'' = 6$

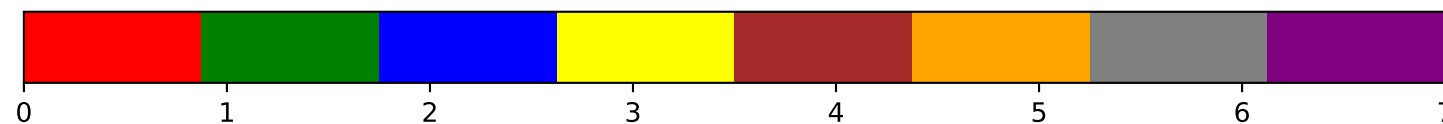
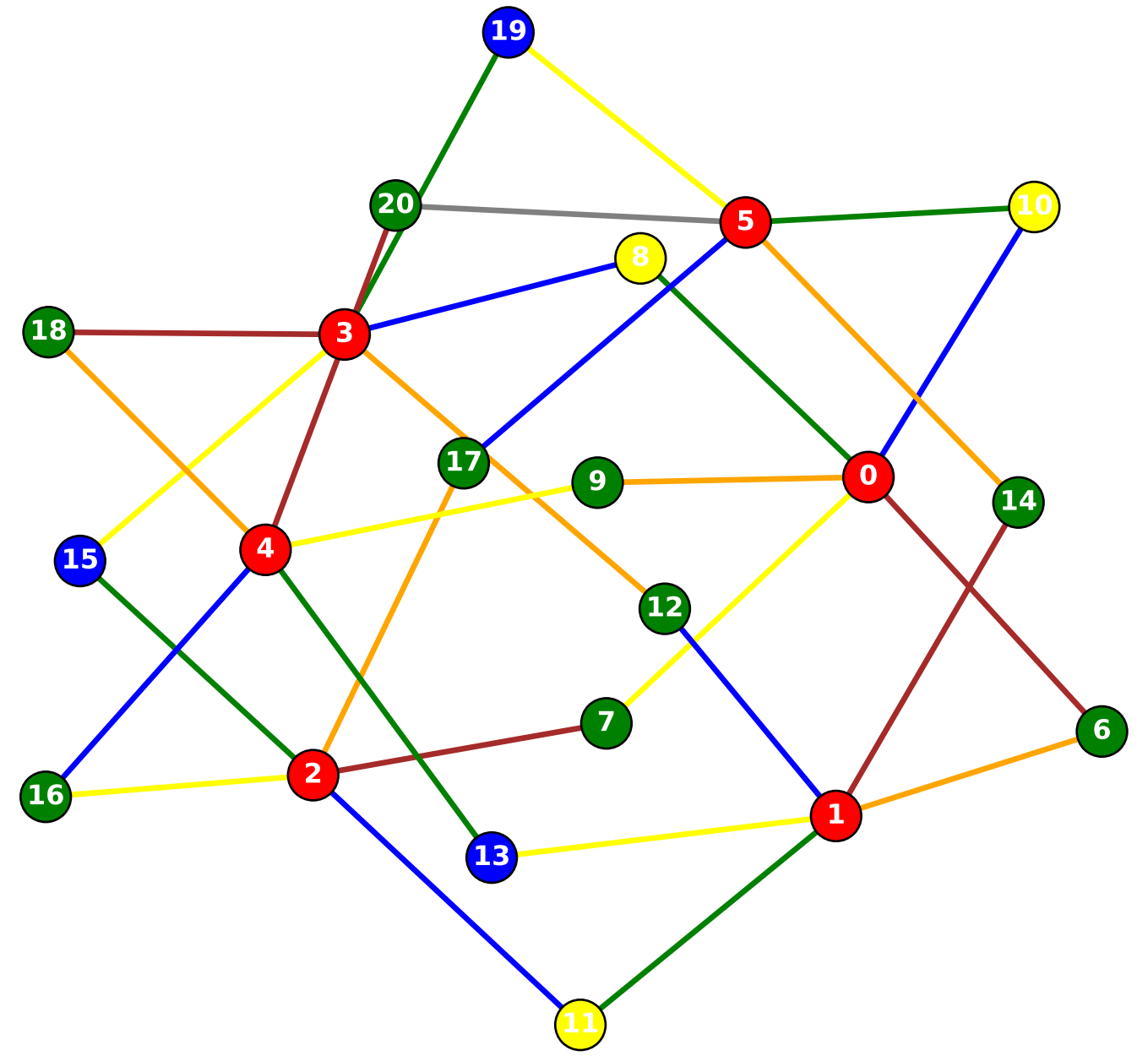
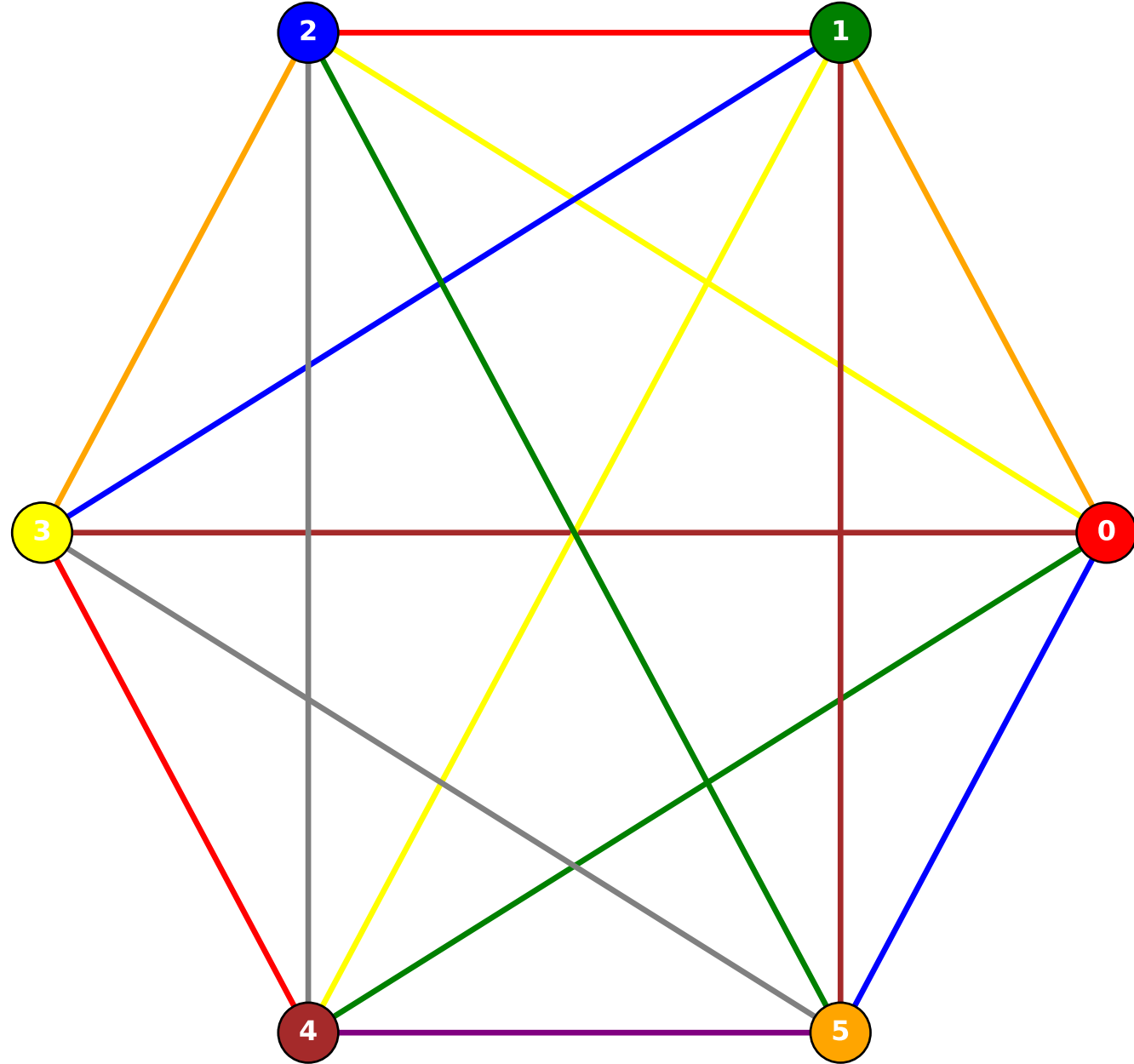
1-Subdivided  
 $\chi'' = 6$



# Total Coloring Comparison for Complete Graph K6 (k=1)

Original: Complete Graph K6  
 $\chi'' = 6$

1-Subdivided  
 $\chi'' = 7$



Color Index Used in Greedy Visualization