

```
// Auto to arxeio perilamvanei to tmima kwdika pou perigrafefi tin tin rithmisi  
tou xrwmatos sto RGB Led
```

```
int Blue1=6;  
int Red1=3;  
int Green1=5;  
int button=2;
```

```
void setup()  
{  
  pinMode (Blue1 , OUTPUT);  
  pinMode (Red1 , OUTPUT);  
  pinMode (Green1 , OUTPUT );  
  pinMode ( button , INPUT);  
}
```

```
void loop()  
{  
  setColor(255 , 0 , 0 ); // mple xrwma  
  delay(5000);  
  setColor(153 , 155 , 0); //mov xrwma  
  delay(5000);  
  setColor(0 , 255 , 0 ); // kokkino xrwma  
  delay(5000);  
  setColor (0, 0 , 255); // prasino xrwma  
  delay (5000);  
  setColor (50, 100 , 0); // mov xrwma 2  
  delay (5000);  
  setColor (0, 100 , 20); // kitrino - portokali xrwma  
  delay (5000);  
  setColor (0, 153 , 76); // kafe xrwma  
  delay (5000);  
  setColor (255, 255 , 255); // leyko xrwma  
  delay (5000);  
  setColor (30, 30 , 30); // gkrizo xrwma  
  delay (5000);  
}
```

```
void setColor(int PulseBlue1 , int PulseRed1 , int PulseGreen1)  
{  
  analogWrite (Blue1 , PulseBlue1);  
  analogWrite (Red1 , PulseRed1);  
  analogWrite (Green1 , PulseGreen1);  
}
```