

Led RGB

Recherche sur Ebay :

arduino led rgb



Broches

GND R G B ou GND G R B **VÉRIFIER sur le composant**

NE PAS OUBLIER : mettre des résistances de 220 ohms entre les 3 broches R G B et le 5V

Code :

```
int redPin = 9;
int greenPin = 8;
int bluePin = 10;

//uncomment this line if using a Common Anode LED
//#define COMMON_ANODE

void setColor(int red, int green, int blue)
{
  #ifndef COMMON_ANODE
    red = 255 - red;
    green = 255 - green;
    blue = 255 - blue;
  #endif
  analogWrite(redPin, red);
  analogWrite(greenPin, green);
  analogWrite(bluePin, blue);
}

void setup()
{
  pinMode(redPin, OUTPUT);
  pinMode(greenPin, OUTPUT);
  pinMode(bluePin, OUTPUT);
}
```

```
void loop()
{
  setColor(255, 0, 0); // rouge
  delay(1000);
  setColor(0, 255, 0); // vert
  delay(1000);
  setColor(0, 0, 255); // bleu
  delay(1000);
  setColor(255, 255, 255); // blanc
  delay(1000);
  setColor(0,0,0); // "noir" eteint
  delay(1000);
}
```