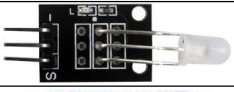# Two-color_LED Experiment

Overview

This lesson will teach you how to use Two-color_LED module, which is simple and easy to use.

Pin definition

UNO R3	Two-color_LED
GND	"-"
D7	
D8	S

Hardware required

Material diagram	Material name	Number
	Two-color_LED	1
	UNO R3	1
	USB Cable	1
	Male to Female Jumper wires	several

Connection diagram
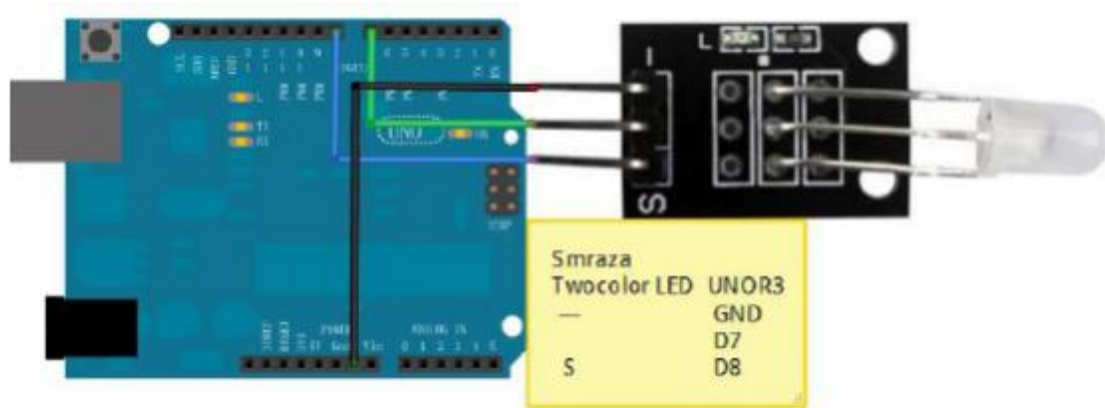
Sample code

Note: sample code under the **Sample code** folder.

```
const int Rled=7;
const int Yled=8;
void setup()
{
    pinMode(Rled,OUTPUT);
    pinMode(Yled,OUTPUT);
}
void loop()
{
    digitalWrite(Rled,HIGH);
    digitalWrite(Yled,LOW);
    delay(1000);
    digitalWrite(Rled,LOW);
    digitalWrite(Yled,HIGH);
    delay(1000);
}
```
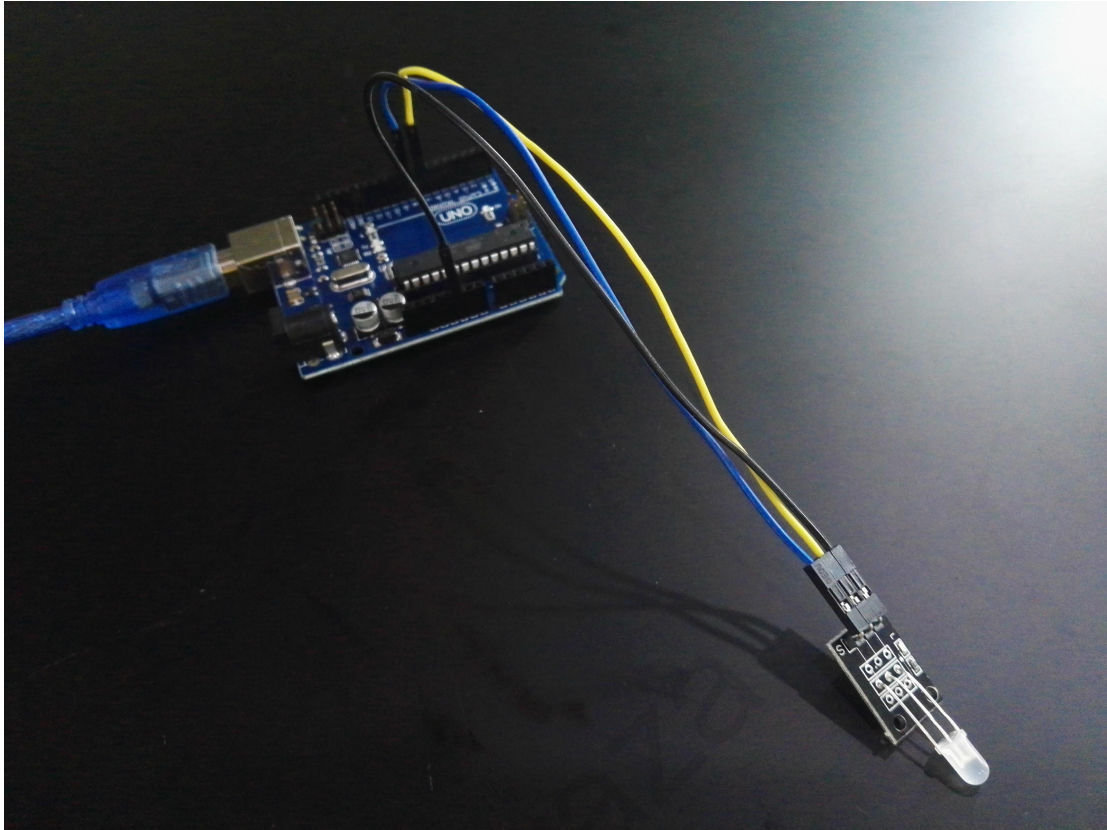
Example picture

Language reference

Tips : Click on the following name to jump to the web page.
If you fail to open, use the Adobe reader to open this document.
pinMode()
digitalWrite()

Application effect

Two colors of lights flashing alternately.

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