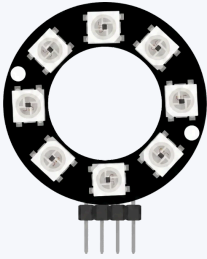


Part 13 of 15



RGB LED ring (8 LEDs)

8 smart lights in every color

In your kit: 1×

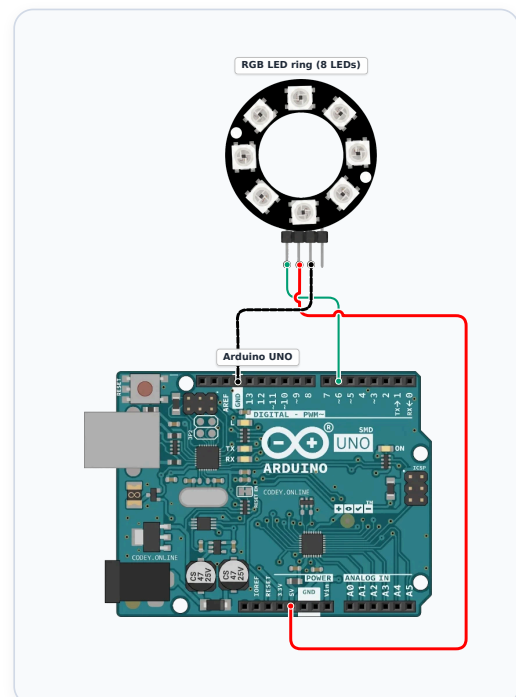
What is it?

A ring with 8 smart lights. Each light can be any color, and you control them all separately. With just one data wire! Super fun for light effects.

This is how you connect it

- **DI** (data in) to a pin, for example D6
- **5V** to 5V
- **GND** to GND
- Leave **DO** loose (you can connect another ring after it)

Wiring diagram



- Arduino UNO · 5V → RGB LED ring (8 LEDs) · 5V
- Arduino UNO · GND → RGB LED ring (8 LEDs) · GND
- Arduino UNO · D6 → RGB LED ring (8 LEDs) · DI

What can you do with it?

- A rainbow lamp
- A light bar that shows how close something is
- A dice made of light

Tip

Do not set the brightness too high in the code. That is nicer for your eyes and for your Arduino.

Projects with this part

★ Rainbow Ring

★★ Night Light

★★ Electronic dice

★★★★ Distance meter with light bar