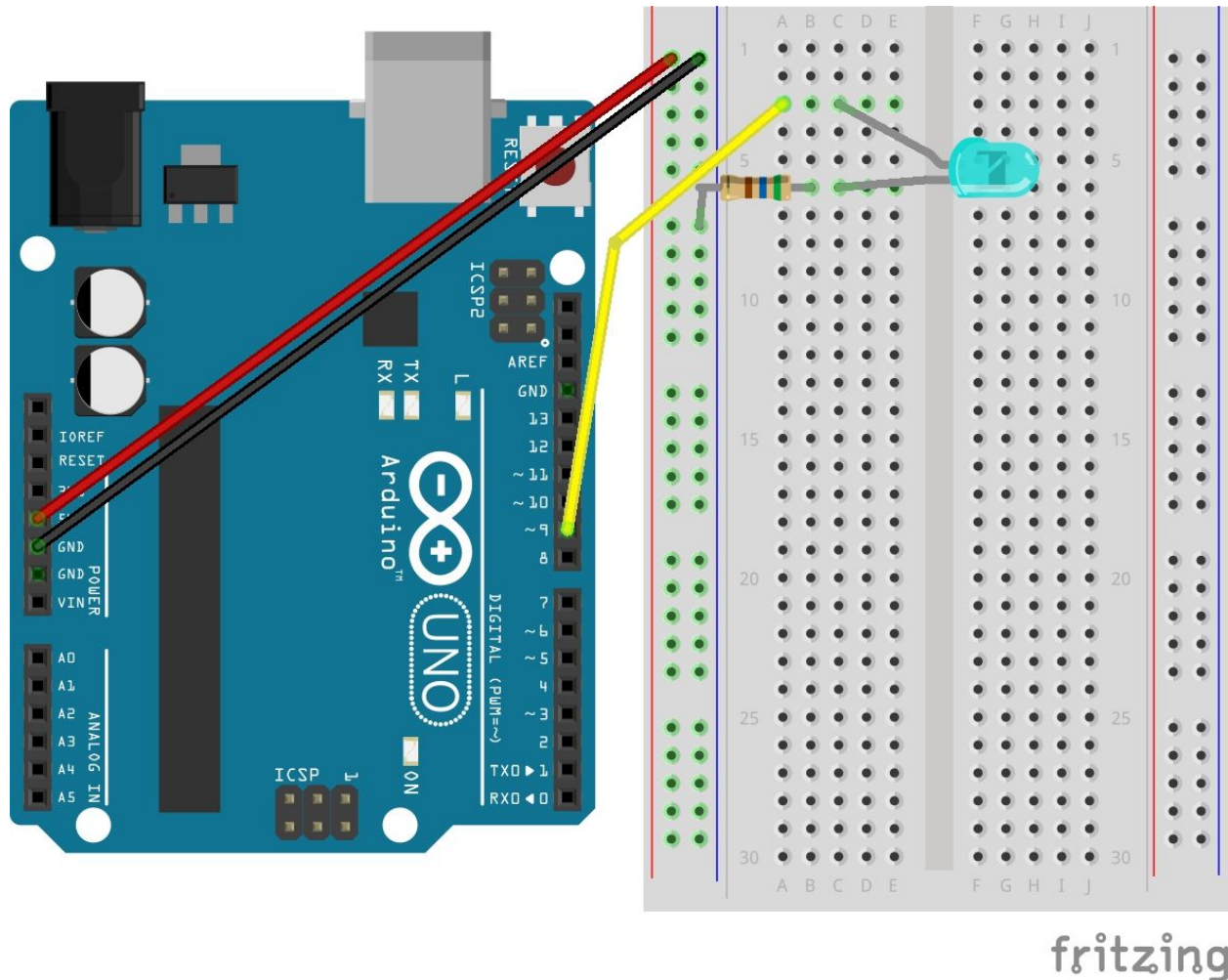


## Fading LED Circuit



### Circuit Steps:

1. Connect the **GND** pin on the Arduino to the **GND (-) rail** on the breadboard.
2. Connect the LEDs to the breadboard. Place them far enough apart so that you have room to work. As a tip, try to keep the LED placement consistent. A good habit is to put the long leg (+) as the top leg.
3. Connect each **+ leg** of each LED to an **Arduino pin**.
4. Remember, these must be the pins with a ~ !
  - a. For example, if you're using pins ~9 and ~10, connect the + leg of one LED to ~9, and the other to ~10.
5. Connect a **resistor** from the **- rail** of the breadboard to the **short (-) leg** of each LED. Each LED needs it's own resistor!