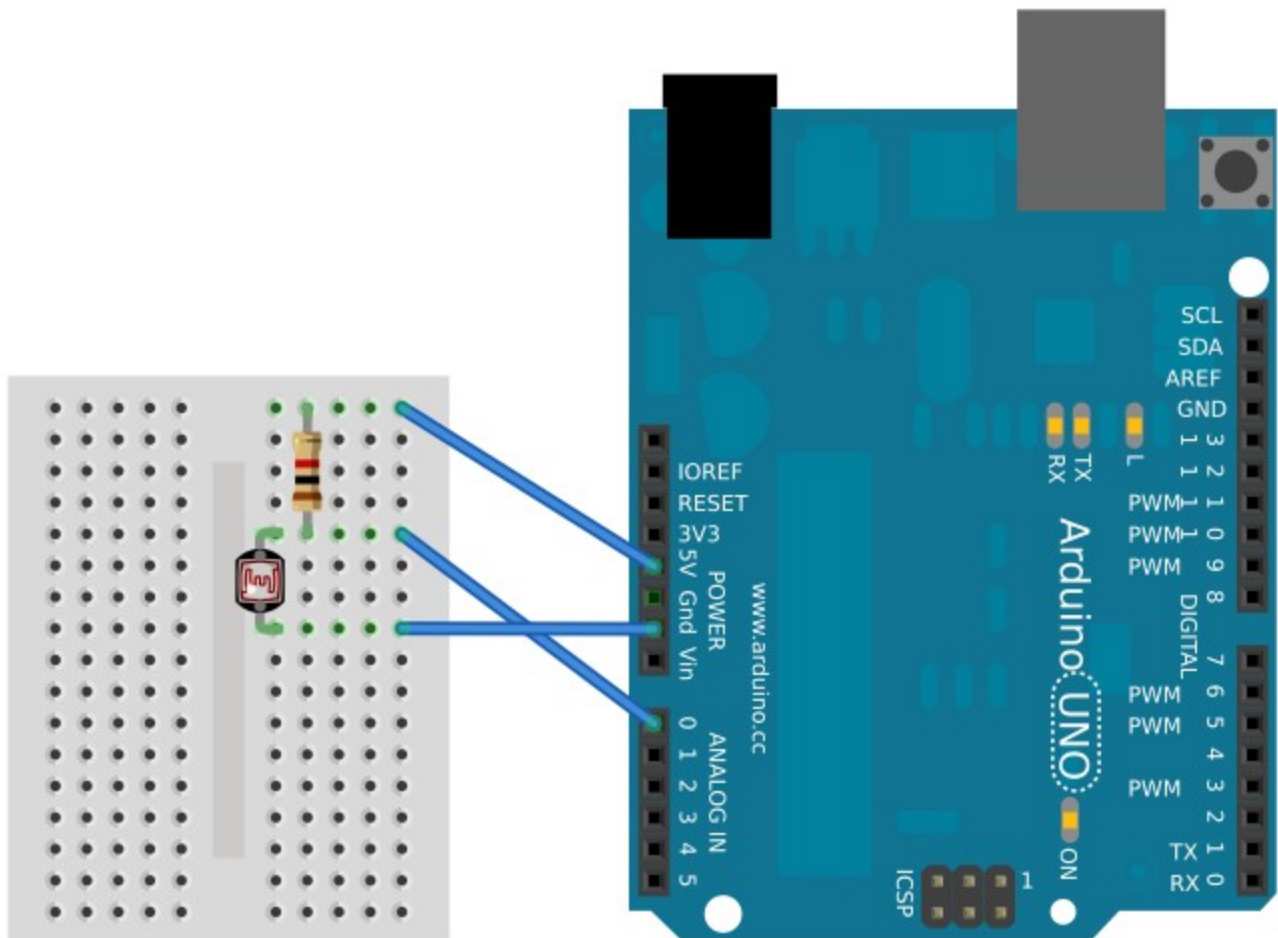# Photocell

- use a breadboard for connecting it to your Arduino
- use the *Arduino Serial Monitor* to see the analog input value change depending on the
  amount of light on the photocell

serial monitor button

Sample Code: use with Serial Monitor

```
/*
  AnalogReadSerial
  Reads an analog input on pin 0, prints the result to the serial monitor.

 This example code is in the public domain.
 */



                                      // the setup routine runs once when you press reset:
void setup() {
                                      // initialize serial communication at 9600 bits per second:
  Serial.begin(9600);
}


                                      // the loop routine runs over and over again forever:
void loop() {
                                      // read the input on analog pin 0:
  int sensorValue = analogRead(A0);
                                      // print out the value you read:
  Serial.println(sensorValue);
  delay(1);                           // delay in between reads for stability
}
```

Source:

Arduino IDE – File – Examples – Basics - "Analog Read Serial"