BROWN DOG
Gadgets
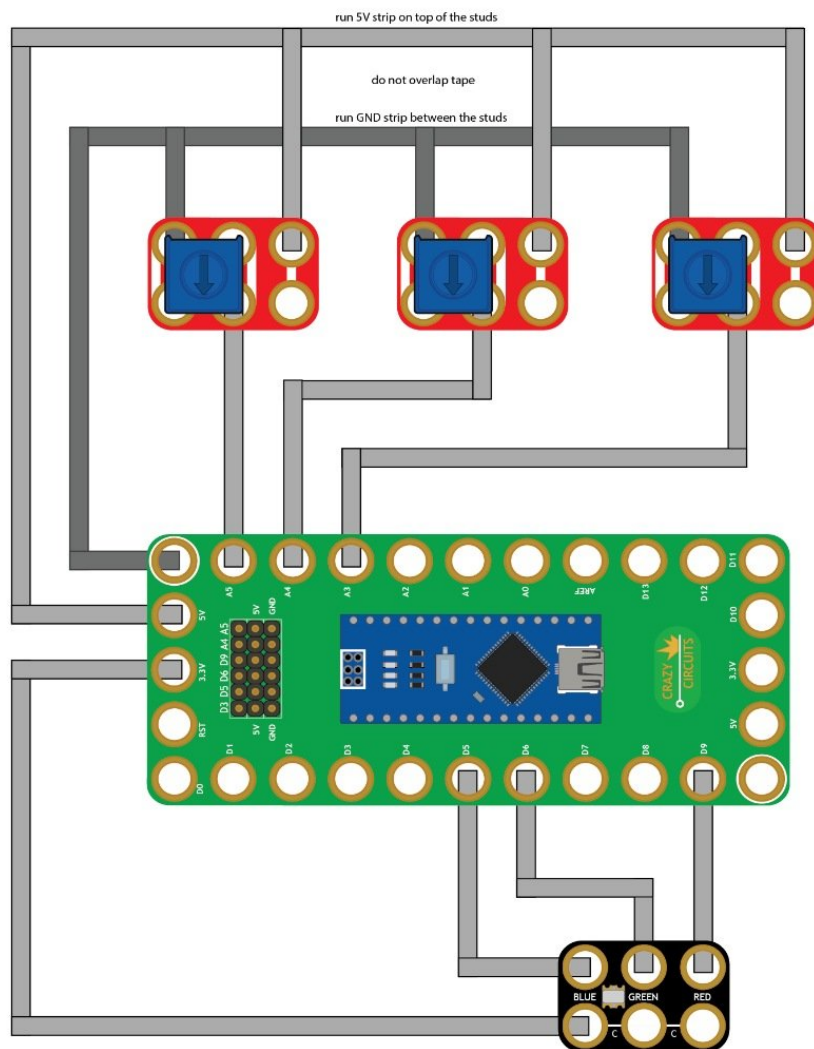
12 - 3 Potentiometers with RGB LED

Use our Programming 101 kit to control and RGB LED with three potentiometers.

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INTRODUCTION

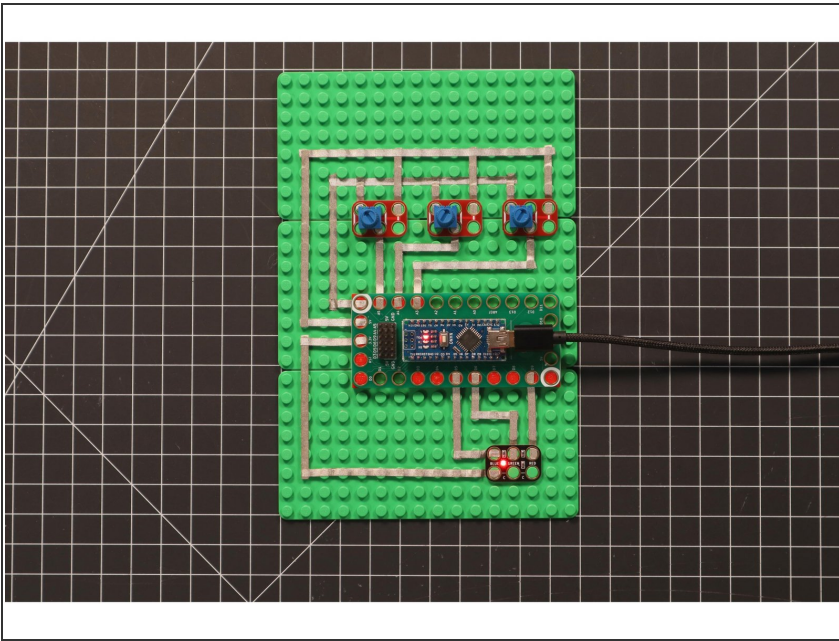Use our Robotics Board to control and RGB LED with three potentiometers.

TOOLS:

- Scissors (1)
- Computer (1)

PARTS:

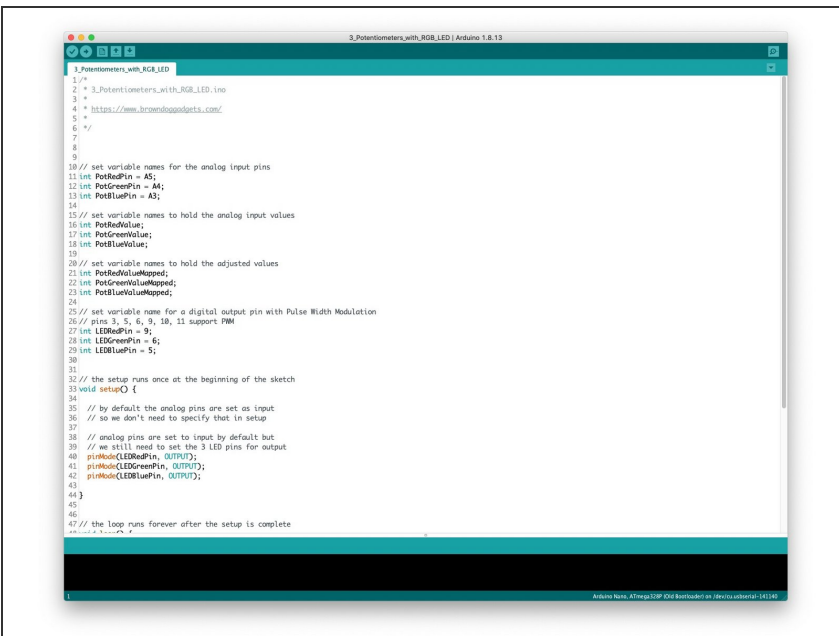- Crazy Circuits Robotics Board (1)
- Crazy Circuits Potentiometer Chip (3)
- Mini RGB LED Chip (1)
- Maker Tape 1/8th inch (1)

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Step 1 — Build the Circuit

- Build the circuit as shown in the diagram using the components specified.

- (i) When connecting the potentiometers, do not cross the tape coming from 5V and GND. (This would create a short circuit.)

- (i) You can run the GND tape between the LEGO studs (in the gutter) and the 5V tape on top of the LEGO studs so they do not overlap.

Step 2 — Upload the Code

- Upload the Arduino sketch to the Robotics Board.

- You can find the code here: https://github.com/BrownDogGadgets /Progr...

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