# Light LED Strip with Input
## LED Strip
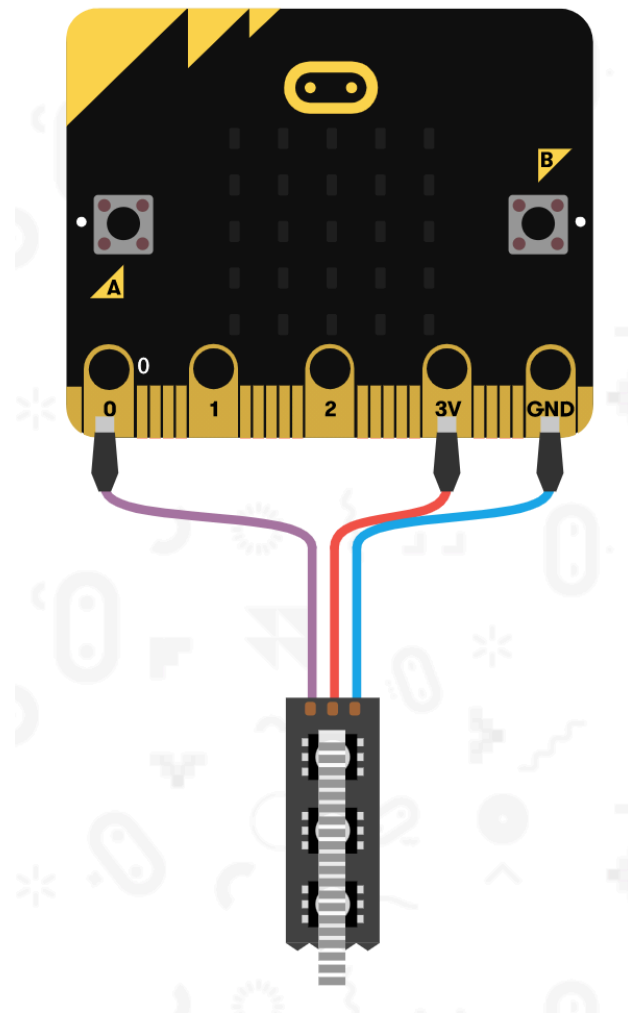
**Required skills:** Load code to micro:bit, Light LED strip solid color

**MB skills:** Basic Inputs

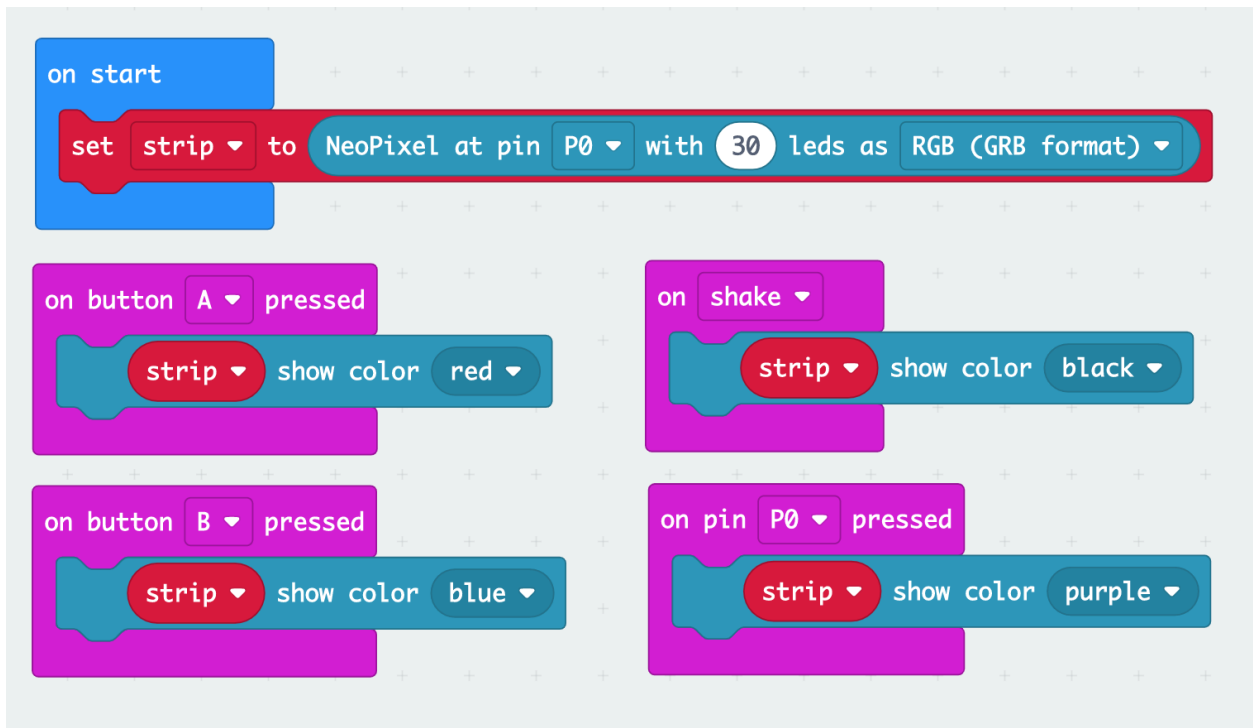**Level:** Basic

**MB Set Up:**

Connect the LED strip as shown, with data input connected to P0.

**MB Code:**

1. Install the Neopixel Extension. Refer to <u>Adding Extensions</u> Document for instructions.

2. Select an input that will trigger the LED strip to turn on from the Inputs section. Some options you can try:
   a. On button A Pressed
   b. On shake
   c. On Pin P0 Pressed [Only if you have micro:bit v2]

3. Inside of the input block, create the block that tells the Neopixel what to do. Here's some example code: <u>https://makecode.microbit.org/_76H10YafjTkc</u>



4. Flash the code to the micro:bit.