

## P5 Resources

- p5 editor: <https://editor.p5js.org/>
- Color picker: <https://htmlcolorcodes.com/color-picker/>
- p5 reference: <https://p5js.org/reference/>

### Color:

- Change color of background if mouse is pressed (temporarily)
  - [Video](#)
  - [Sample code](#) - What colors do you want to use? Try it out!
- Change color of background to random color if I press mouse
  - [Video](#)
  - [Sample code](#) - Try this out, maybe make a shape or shapes random colors when you click!
- Change color of a shape only when mouse is pressed
  - [Video](#)
  - [Sample code](#) - Try it yourself with your own shape and colors!
- Change color of robot parts if mouse is pressed
  - [Robot Code \(no color changes\)](#)
  - [Video](#)
  - [Sample code - robot & changes nose and ears](#)
  - [Sample code - robot & changes eyes, nose, and ears](#)

(Try changing my robot or make colors change in your **own** design!)

### Movement:

- Shape follows your mouse - how can you make a shape follow your mouse? What else can our built in variables mouseX and mouseY do?
  - [Video](#)
  - [Sample Code](#)
- Multiple shapes follow your mouse - try it out! You can alter the sample code or make your own design!
  - [Sample Code](#)
  - [Related Video](#)