



# Workshop Flora-Bag

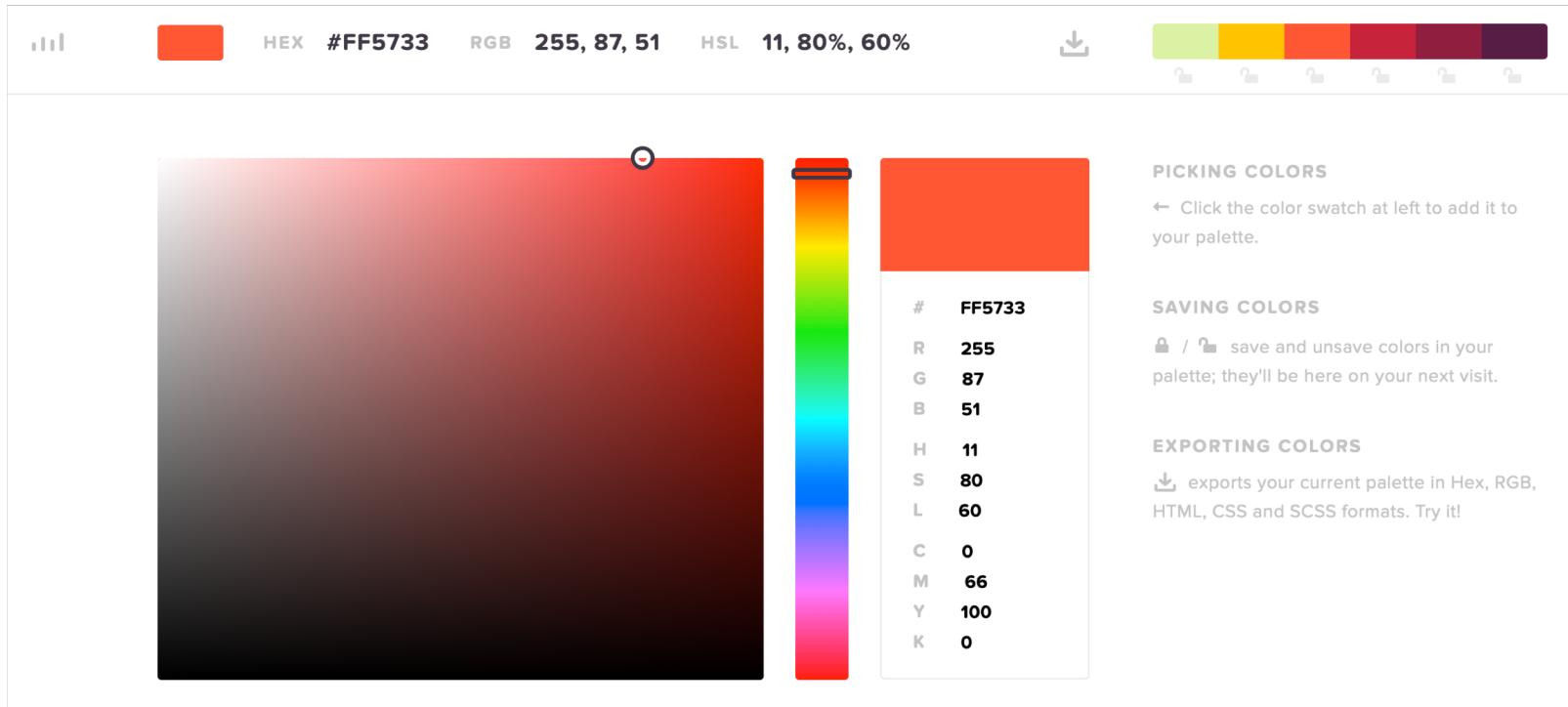


[www.devoxx4kids.com](http://www.devoxx4kids.com)



# Rot-Grün-Blau (RGB)

<https://htmlcolorcodes.com/>



HEX **#FF5733**    RGB **255, 87, 51**    HSL **11, 80%, 60%**

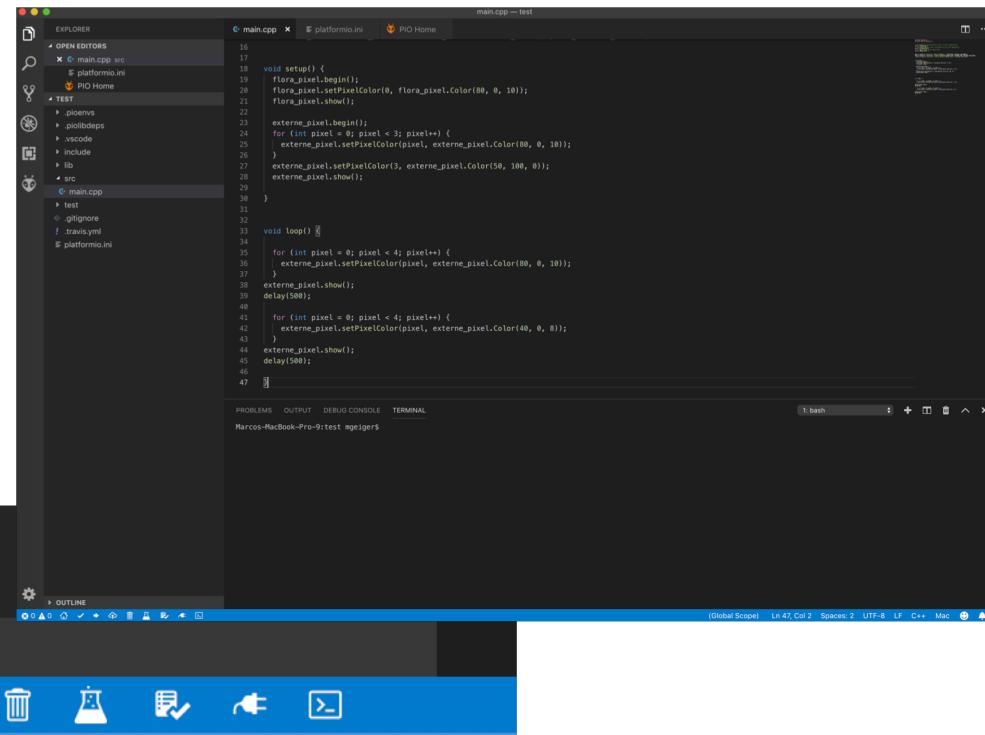
PICKING COLORS  
← Click the color swatch at left to add it to your palette.

SAVING COLORS  
🔒 / 🗑 save and unsave colors in your palette; they'll be here on your next visit.

EXPORTING COLORS  
⬇️ exports your current palette in Hex, RGB, HTML, CSS and SCSS formats. Try it!

|   |               |
|---|---------------|
| # | <b>FF5733</b> |
| R | <b>255</b>    |
| G | <b>87</b>     |
| B | <b>51</b>     |
| H | <b>11</b>     |
| S | <b>80</b>     |
| L | <b>60</b>     |
| C | <b>0</b>      |
| M | <b>66</b>     |
| Y | <b>100</b>    |
| K | <b>0</b>      |

In der IDE (im Startmenü unter Entwicklung auf Code-OSS klicken) können wir unser Programm verändern, speichern und auf unseren FLORA übertragen...



```

16
17
18 void setup() {
19   flora_pixel.begin();
20   flora_pixel.setPixelColor(0, flora_pixel.Color(0, 0, 10));
21   flora_pixel.show();
22
23   externe_pixel.begin();
24   for (int pixel = 0; pixel < 3; pixel++) {
25     externe_pixel.setPixelColor(pixel, externe_pixel.Color(0, 0, 10));
26   }
27   externe_pixel.setPixelColor(3, externe_pixel.Color(50, 100, 0));
28   externe_pixel.show();
29 }
30
31
32
33 void loop() {
34   for (int pixel = 0; pixel < 4; pixel++) {
35     externe_pixel.setPixelColor(pixel, externe_pixel.Color(0, 0, 10));
36   }
37   externe_pixel.show();
38   delay(500);
39
40   for (int pixel = 0; pixel < 4; pixel++) {
41     externe_pixel.setPixelColor(pixel, externe_pixel.Color(40, 0, 0));
42   }
43   externe_pixel.show();
44   delay(500);
45 }
46
47

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL  
Marcos-MacBook-Pro-9:test mgeiger\$

(Global Scope) | Line 47, Col 2 | Spaces: 2 | UTF-8 | LF | C++ | Mac | □

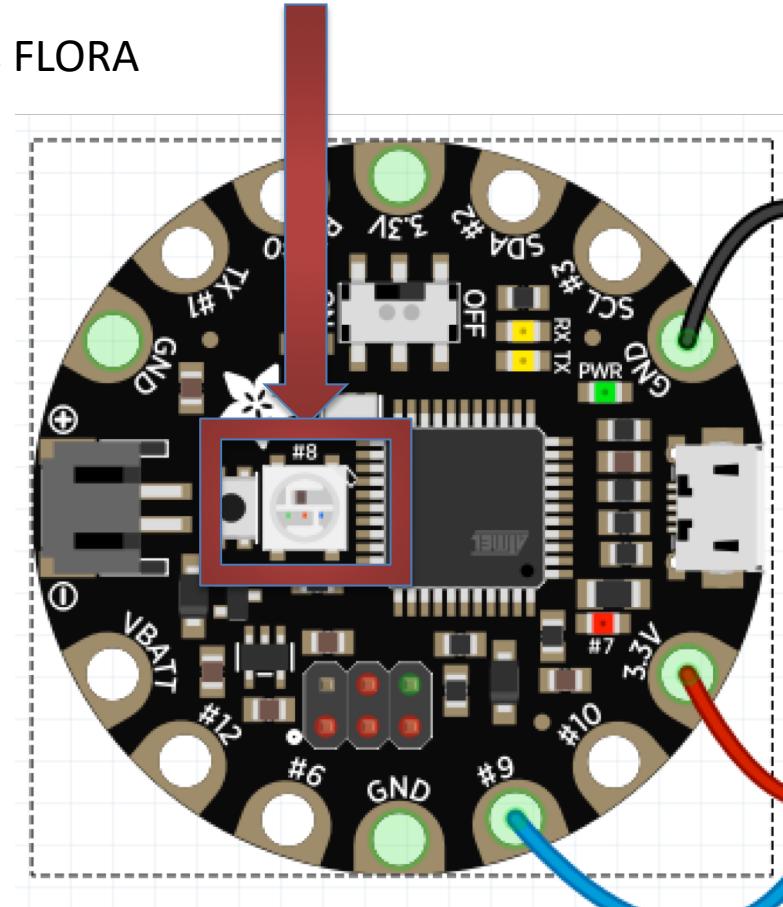
**OUTLINE**

✖ 0 ⚠ 0 ⏪ ⏩ ⏴ ⏵ ⏷ ⏸ ⏹ ⏺ ⏻

# Das interne NeoPixel

#8 – Nummer 8 des FLORA

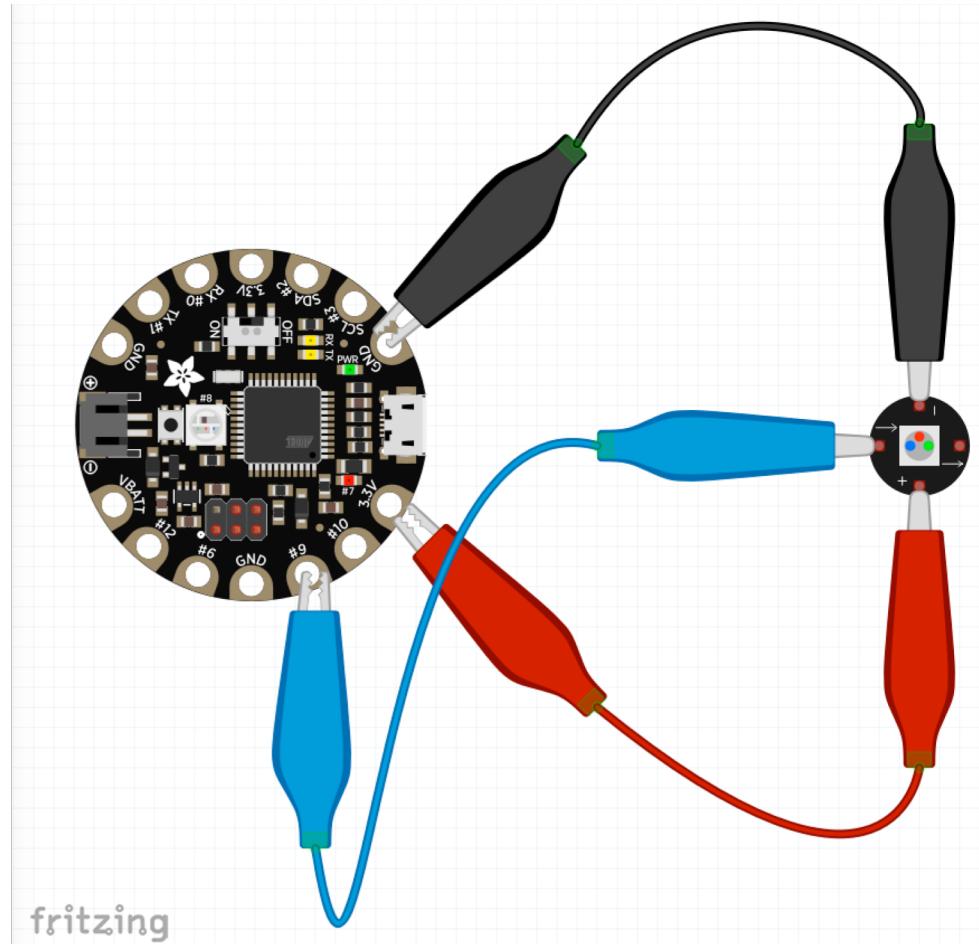
Einfach mal  
blitzen lassen...



# Die externen...

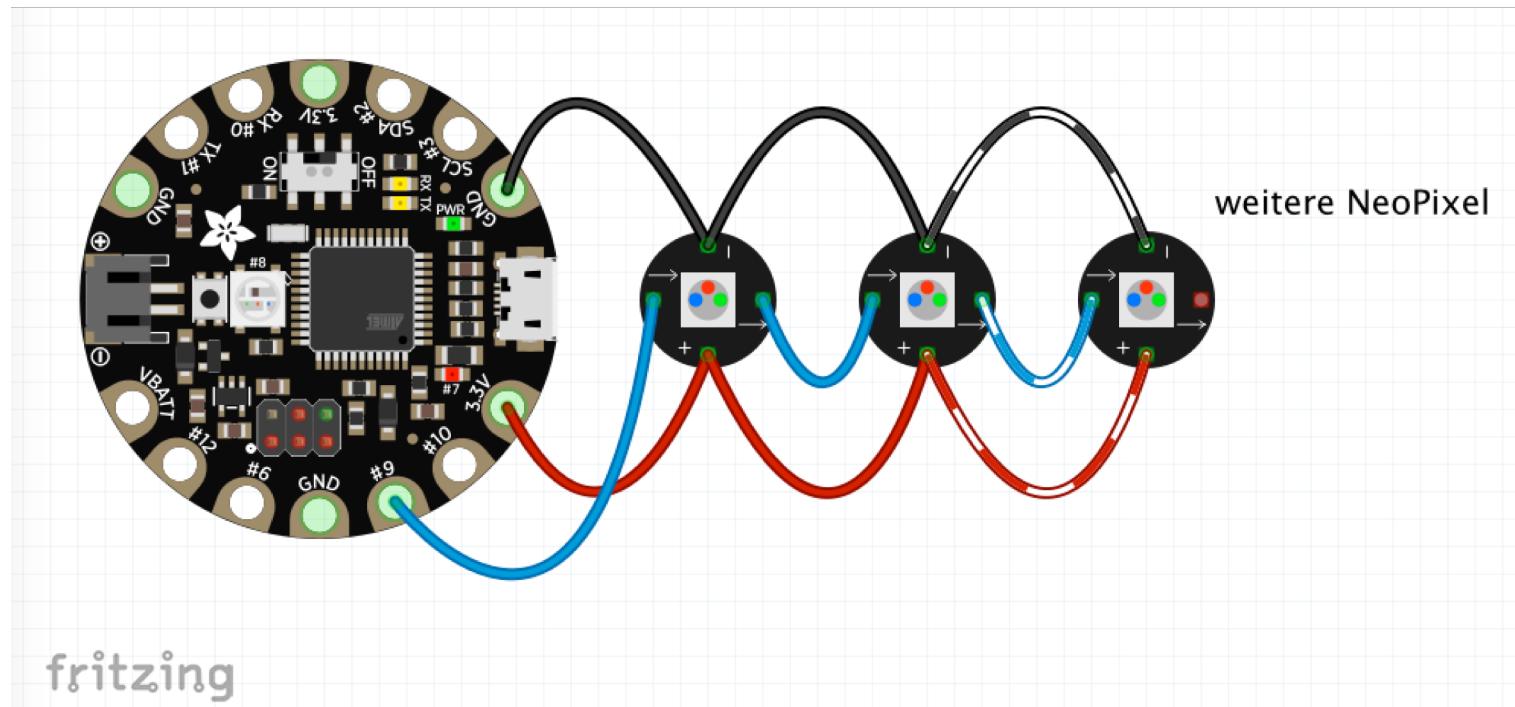
Werden wie gezeigt zum ersten Probelauf mit Krokodilklemmen an den FLORA angeschlossen...

... und programmiert



# Die weiteren...

Werden dann mit Draht verbunden...  
...und wieder programmiert



fritzing