



fritzing

**Code:**

```
int gruen = 7;
int gelb = 3;
int rot = 9;
int button = 5;

void setup() {
  pinMode(led1, OUTPUT);
  pinMode(but1, INPUT_PULLUP);
  digitalWrite(but1, HIGH);
}

void loop() {
  int buttonread = digitalRead(button);
  digitalWrite(gruen, HIGH);
  if(buttonread == LOW) {
    digitalWrite(gruen, LOW);
    digitalWrite(gelb, HIGH);
    delay(50);
    digitalWrite(gelb, LOW);
    delay(100);
    digitalWrite(rot, HIGH);
    delay(1500);
    digitalWrite(gelb, HIGH);
    delay(750);
    digitalWrite(gelb, LOW);
    digitalWrite(rot, LOW);
    digitalWrite(gruen, HIGH);
  }
}
```