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1: int bianco = 9;
2: int blu = 8;
3: int verde1 = 7;
4: int verde2 = 6;
5: int giallo = 5;
6: int rosso1 = 4;
7: int rosso2 = 3;
8: int base = 540;
9:
10: void setup (){
11:   for (int i = 3; i<=9; i++){
12:     pinMode(i,OUTPUT);
13:   }
14: }
15:
16:
17: void loop(){
18:   int analogico = analogRead(A0);
19:   for (int i = 3; i<=9; i++){
20:     digitalWrite(i,LOW);
21:   }
22:   if (analogico >= base + 12) digitalWrite(bianco,HIGH);
23:   if (analogico >= base + 14) digitalWrite(blu,HIGH);
24:   if (analogico >= base + 18) digitalWrite(verde1,HIGH);
25:   if (analogico >= base + 20) digitalWrite(verde2,HIGH);
26:   if (analogico >= base + 24) digitalWrite(giallo,HIGH);
27:   if (analogico >= base + 28) digitalWrite(rosso1,HIGH);
28:   if (analogico >= base + 32) digitalWrite(rosso2,HIGH);
29: }
```