Color Classifier Dataset Details

Machine Learning - Semester Project

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**Submitted to:**

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# **Quick Characteristics**

|  |  |
| --- | --- |
| **Features** | 3 |
| **Classes** | 9 |
| **Size** | 4881 |
| **Source** | Crowd-sourced |
| **Format** | comma separated values |

# **Features**

* Total of 3 features
* Numeric datatype
* Namely “**r**”, “**g**” and “**b**”
* All three can assume values between **0 and 255**
* Together they represent a color in the RGB color space i.e. rgb(25, 236, 125) is green
* A total of 16 million colors are possible using RGB combinations

# **Classes**

* Total of 9 classes
* String datatype
* Their names and quantity in the data set are as follows:

|  |  |
| --- | --- |
| **Class** | **Examples** |
| red-ish | 313 |
| green-ish | 1419 |
| blue-ish | 1095 |
| yellow-ish | 176 |
| orange-ish | 167 |
| purple-ish | 864 |
| pink-ish | 288 |
| brown-ish | 412 |
| grey-ish | 147 |
| **Total** | **4881** |

# **Samples**

Following are 5 random samples from the dataset.

|  |  |  |  |
| --- | --- | --- | --- |
| **r** | **g** | **b** | **label** |
| 148 | 72 | 77 | red-ish |
| 62 | 86 | 120 | blue-ish |
| 191 | 56 | 119 | purple-ish |
| 167 | 95 | 103 | brown-ish |
| 55 | 95 | 85 | grey-ish |