
pycolordetector Documentation

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1.1 Description

pycolordetector is a Python package for detecting colors in images. It provides fast and easy way to detect color of a pixel. The applications build through this package will automatically give the name of the color just by double-clicking on them. pycolordetector has been designed to make working with image data both simple and intuitive. It aims to be the fundamental high-level building block for doing practical and real-world analysis on images.

1.2 Installation

The source code is currently hosted on GitHub at:

<https://github.com/Hakonmh/example-project>

To install pycolordetector, simply use pip:

```
pip install pycolordetector
```

1.3 License

pycolordetector is published under the [MIT License](#).

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1.4 Contributions

All contributions, bug reports, bug fixes, documentation improvements, enhancements and ideas are welcome.

Issues are posted on:

<https://github.com/Hakonmh/example-project/issues>

pycolordetector appreciates help from a wide range of different backgrounds. Work such as high level documentation or code improvements are valuable, and small improvements or fixes are always appreciated. If you are considering larger contributions outside the traditional coding work, please contact us at sunnysinghnitb@gmail.com.

2.1 GitHub

The source code is currently hosted on GitHub at:
<https://github.com/sunnysinghnitb/pycolordetector>

2.2 pip

The project is hosted on pyPI at:
<https://pypi.org/project/pycolordetector/>

To install Example Project, simply use pip:

```
pip install pycolordetector
```


This is a short introduction to pycolordetector, geared mainly for new users.

Importing pycolordetector:

```
from pycolordetector.pycolordetector import colo
```

3.1 Providing Path of Image

Give path of your image as an argument to the *colo* function:

```
colo("Path_of_your_image")
```

3.2 Get the Colors of the Image

Just double-click anywhere on the output image to get the color name and respective R, G, B values. To end the execution of the program, press the “Esc” key.

CHAPTER 4

User Guide

The User Guide covers all of Example Project by alphabetical order. This page also functions as an API-reference guide, since it covers all public objects in Example Project.

CHAPTER 5

Indices and tables

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