

# OpenCV Python Tutorial

In these series of tutorials, we shall take you through different techniques and algorithms available with OpenCV Python API for Image Processing. Examples shall be provided with detailed explanation.

## OpenCV Python Tutorial

### Prerequisites

Basics of [python programming](#) is required to follow the examples.

### OpenCV Tutorial – Python API

#### Image Processing

- [OpenCV Python – Setup with Anaconda IDE](#)
- [OpenCV Python – Read and Display Image](#)
- [OpenCV Python – Save Image](#)
- [OpenCV Python – Get Image Size](#)
- [OpenCV Python – Resize Image](#)
- [OpenCV Python – Read Image with Transparency Channel](#)
- [OpenCV Python – Edge Detection](#)
- [OpenCV Python – Gaussian Blur](#)

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▸ [OpenCV Python Tutorial](#)

▸ [OpenCV - Setup with Anaconda](#)

▸ [OpenCV - Read and Display Image](#)

▸ [OpenCV - Save Image](#)

▸ [OpenCV - Get Image Shape/Dimensions](#)

▸ [OpenCV - Reize Image - Upscale, Downscale](#)

▸ [OpenCV - Read Image with Transparency Channel](#)

#### Image Processing

▸ [OpenCV - Edge Detection](#)

▸ [OpenCV - Gaussian Blur](#)