**ABSTRACT**

How many times has it occurred to you that even after seeing, you don’t remember the name of the colour? There can be 16 million colours based on the different RGB colour values but we only remember a few. We are going to build an interactive app that will detect the selected colour from any image. To implement this, we will need a labelled data of all the known colours then we will calculate which colour resembles the most with the selected colour value.

This paper presents the methodology for extracting different colors from an RGB image. RGB image have different colors with different values of color contents for each pixel. As red, green and blue are the fundamental colors for every color formation and these can be extracted simply using python - openCV.

**Keywords:**

Python, openCV.