LaTeX Package Coloring

zohooo@yeah.net

May 11, 2016

Introduction

The `coloring` package makes it possible to define colors automatically by their names.

- It's useful in drawing a `tikz` picture.
- It's useful in designing a `beamer` theme.

Using the package, you don't need to write `\definecolor` before using a color.

Example One: Gray Colors

When you write

`\textcolor{gray2}{Text}`

The package will automatically define the following gray color for you

`\definecolor{gray2}{gray}{0.2}`

Example Two: RGB Colors

When you write

`\colorbox{rgb37x}{Text}`

The package will automatically define the following rgb color for you

`\definecolor{rgb37x}{rgb}{0.3,0.7,1.0}`

Example Three: HSB Colors

When you write

`\colorlet{mycolor}{blue59}`

The package will automatically define the following hsb color for you

`\definecolor{blue59}{Hsb}{240,0.5,0.9}`

You may add the following line to the preamble when using hsb colors

`\substitutecolormodel{hsb}{rgb}`

HSB Colors

Hue	Name	Hue	Name
0	red	180	cyan
30	brown	210	azure
60	yellow	240	blue
90	olive	270	violet
120	green	300	magenta
150	teal	330	purple