color-package-demo.tex

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The easiest way to use color text in LaTeX 2_ε is to use the color package. You load the color package in your preamble as usual

```
\documentclass[11pt]{article}
\usepackage[usenames]{color}
```

Here the option [usenames] causes the definitions for the 68 colors known to dvips (see next page) to be preloaded. Those colors can then be specified by name. For example `{\color{BrickRed} BrickRed}` produces BrickRed. Alternately one can use the command

```
\textcolor{BrickRed}{this is BrickRed}
```

which produces this is BrickRed.

If the 68 predefined colors do not suffice, or if you do not want to load the definitions of all of them, you may define your own custom colors.

Here is a dark blue defined in terms of the RGB (red, green, blue) color model.

```
\definecolor{MyDarkBlue}{rgb}{0,0.08,0.45}
\begin{center}
{\color{MyDarkBlue}This color is MyDarkBlue}
\end{center}
```

This color is MyDarkBlue

Once we have defined the new color we can use it anywhere in the current document. For example, `\textcolor{MyDarkBlue}{a nice blue}` produces a nice blue.

Custom colors may also be defined in terms of the CMYK (cyan, magenta, yellow, black) color model. Here is a light magenta.

```
\definecolor{MyLightMagenta}{cmyk}{0.1,0.8,0,0.1}
\begin{center}
{\color{MyLightMagenta}This color is MyLightMagenta}
\end{center}
```

This color is MyLightMagenta

The 68 standard colors known to dvips

Apricot	Aquamarine	Bittersweet	Black
Blue	BlueGreen	BlueViolet	BrickRed
Brown	BurntOrange	CadetBlue	CarnationPink
Cerulean	CornflowerBlue	Cyan	Dandelion
DarkOrchid	Emerald	ForestGreen	Fuchsia
Goldenrod	Gray	Green	GreenYellow
JungleGreen	Lavender	LimeGreen	Magenta
Mahogany	Maroon	Melon	MidnightBlue
Mulberry	NavyBlue	OliveGreen	Orange
OrangeRed	Orchid	Peach	Periwinkle
PineGreen	Plum	ProcessBlue	Purple
RawSienna	Red	RedOrange	RedViolet
Rhodamine	RoyalBlue	RoyalPurple	RubineRed
Salmon	SeaGreen	Sepia	SkyBlue
SpringGreen	Tan	TealBlue	Thistle
Turquoise	Violet	VioletRed	
WildStrawberry	Yellow	YellowGreen	YellowOrange