

# Converting Colors

Hex(0E3087)

Have a look what the booklet for  
Hex(0E3087) contains.

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# Color

**Hex(0E3087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E3087
RGB	14, 48, 135
RGB Percent	5%, 19%, 53%
CMY	0.9451, 0.8118, 0.4706
CMYK	0.90, 0.64, 0.00, 0.47
HSL	223°, 81%, 29%
HSV	223°, 90%, 53%
XYZ	5.6112, 3.9565, 23.3896
YIQ	47.7520, -48.1910, 19.8490

# Conversions

## Conversions Part 2

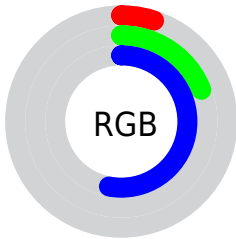
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	14, 41, 135
Decimal	929927
CIE Lab	23.53, 24.31, -51.63
CIE LCh	24, 57.068, 295.217
Yxy	3.9565, 0.1703, 0.1201
Android (android.graphics.Color)	4279120007 (0xFF0E3087)
YUV	47.7520, 43.0133, -29.6005
Hunter-Lab	19.8910, 15.5452, -55.7946

# Details

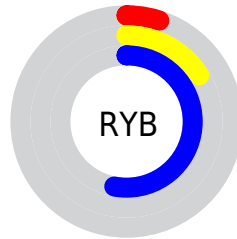
The Hex color **0E3087** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **87650E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **545EBD**, and **000554** is the 20% darker color. If you saturate the color by 10%, you get **012687**, and if you desaturate by 10%, it is **1C3A87**.

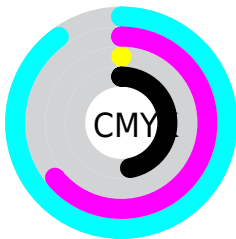
# Distribution



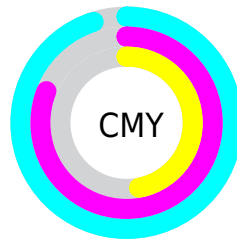
- Red (5%)
- Green (19%)
- Blue (53%)



- Red (5%)
- Yellow (16%)
- Blue (53%)



- Cyan (90%)
- Magenta (64%)
- Yellow (0%)
- Black (47%)



- Cyan (95%)
- Magenta (81%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E3087 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0E3087 by changing the saturation by 10% instead.



■ 0E3087

■ 0E3087

FFFFFF

■ 001C6D

■ 545EBD

■ 000554

■ 7176D9

■ 00063C

■ 8D90F6

■ 000225

■ AAAAFF

■ 00010E

■ C7C5FF

■ 000000

■ E4E1FF

FFFEFF

■ 0E3087

■ 0E3087

■ 012687

■ 1C3A87

■ 002687

■ 294387

■ 374D87

■ 445787

■ 526187

■ 5F6A87

■ 6D7487

■ 7A7E87

■ 888787

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00408F



0E3087



620E6A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0E3087



6A1E00



004830

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0E3087



87650E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004600



0E3087



4C3400

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0E3087



7C0017



224000



00495C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0E3087



77004F



224000



004720



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0E3087



808EB0



0E8765



3D4559



D9D9D9



595959



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0E3087



0031B0



280E87



3C3E42



002582



000103



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



870E30



B00031



6D870E



423C3E



820025



030001



# Previews

## White Background



This preview shows how the Hex color 0E3087 looks on a white background.

## Color Contrast Check

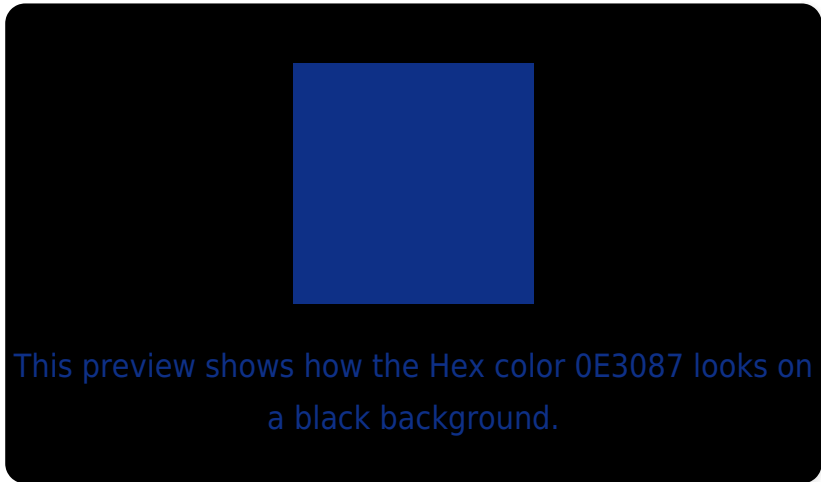
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

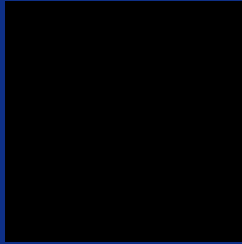
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0E3087 Background



This preview shows how black text looks on a background with the Hex color 0E3087.



This preview shows how white text looks on a background with the Hex color 0E3087.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
0E3087

**Protanopia**  
003673

**Deuteranopia**  
003A62



**Tritanopia**  
003F42

# Trichromacy



**Original Color**  
0E3087

**Protanomaly**  
05347A

**Deuteranomaly**  
05366F

**Tritanomaly**  
053A5B

# Monochromacy



**Original Color**  
0E3087

**Achromatopsia**  
303030

**Achromatomaly**  
243050

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E3087 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0E3087 looks like.

```
.text, #text, p{  
    color:#0E3087  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0E3087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E3087
}
```

## Border

The CSS property to change the border of an element to Hex 0E3087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0E3087 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0E3087 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0E3087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E3087; -webkit-box-shadow:4px 4px  
4px 4px #0E3087; box-shadow:4px 4px 4px  
4px #0E3087 }
```

# Background

The CSS property to change the background color of an element to Hex 0E3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E3087 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0E3087 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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