

# Converting Colors

Hex(0E4E8D)

Have a look what the booklet for  
Hex(0E4E8D) contains.

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# Color

**Hex(0E4E8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E4E8D
RGB	14, 78, 141
RGB Percent	5%, 31%, 55%
CMY	0.9451, 0.6941, 0.4471
CMYK	0.90, 0.45, 0.00, 0.45
HSL	210°, 82%, 30%
HSV	210°, 90%, 55%
XYZ	7.7132, 7.4652, 26.2337
YIQ	66.0460, -58.3670, 6.0250

# Conversions

## Conversions Part 2

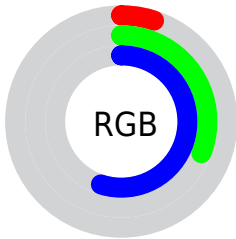
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 57, 141
Decimal	937613
CIE <sub>Lab</sub>	32.84, 5.94, -40.24
CIE <sub>LCh</sub>	33, 40.674, 278.398
Yxy	7.4652, 0.1863, 0.1803
Android (android.graphics.Color)	4279127693 (0xFF0E4E8D)
YUV	66.0460, 36.9523, -45.6443
Hunter-Lab	27.3226, 2.5764, -37.8014

# Details

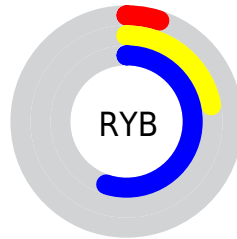
The Hex color **0E4E8D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8D4D0E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **547FC3**, and **00235A** is the 20% darker color. If you saturate the color by 10%, you get **00478D**, and if you desaturate by 10%, it is **1C558D**.

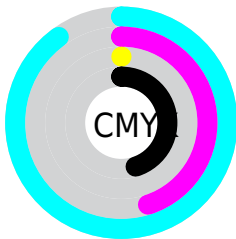
# Distribution



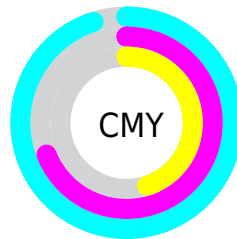
- Red (5%)
- Green (31%)
- Blue (55%)



- Red (5%)
- Yellow (22%)
- Blue (55%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (69%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E4E8D 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 0E4E8D by changing the saturation by 10% instead.



■ 0E4E8D

■ 0E4E8D

FFFFFF

■ 003873

■ 547FC3

■ 00235A

■ 7198DF

■ 000C42

■ 8DB3FC

■ 00032B

■ AACEFF

■ 000116

■ C7EAFF

■ 000000

■ E4FFFF

■ 0E4E8D

■ 0E4E8D

■ 00478D

■ 1C558D

■ 2A5C8D

■ 38638D

■ 466A8D

■ 55718D

■ 63788D

■ 717F8D

■ 7F868D

■ 8D8D8D

# Harmonies

## Analogous

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



005789



0E4E8D



5A4180

# Triad

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



0E4E8D



823627



005B34

# Complementary

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



0E4E8D



8D4D0E

# 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.



325616



0E4E8D



70430D

# Square

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



0E4E8D



872D46



554F02



005C56

# Rectangle

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



0E4E8D



72376F



554F02



085A2A



# Sweetspot

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



0E4E8D



869FB8



0E8D4B



3E4D5C



DBDBDB



5C5C5C



# Same Dimension

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



0E4E8D



005DB8



0E108D



404447



004487



000408



# Inverse Universe

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



8D0E4E



B8005D



8D8B0E



474044



870044



080004



# Previews

## White Background



This preview shows how the Hex color 0E4E8D looks on a white background.

## Color Contrast Check

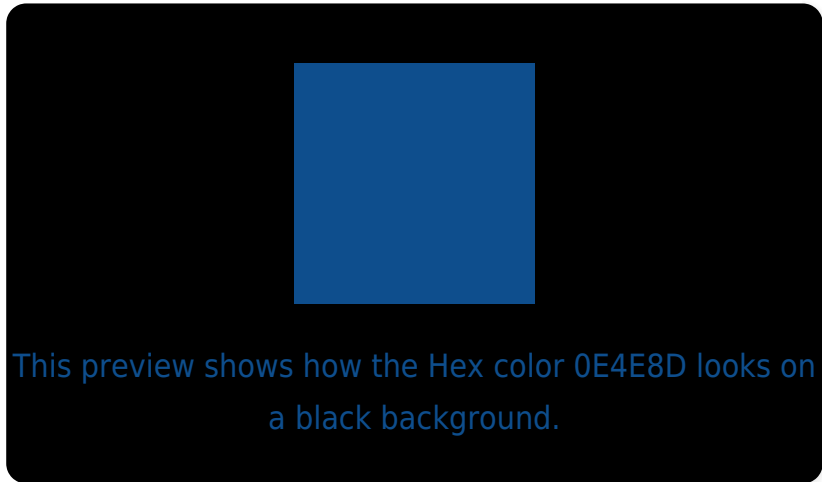
Large Text (above 18pt) WCAG AA ✓ Pass

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

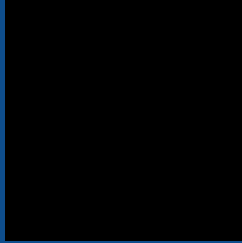
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E4E8D Background



This preview shows how black text looks on a background with the Hex color 0E4E8D.




This preview shows how white text looks on a background with the Hex color 0E4E8D.

# 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](#).

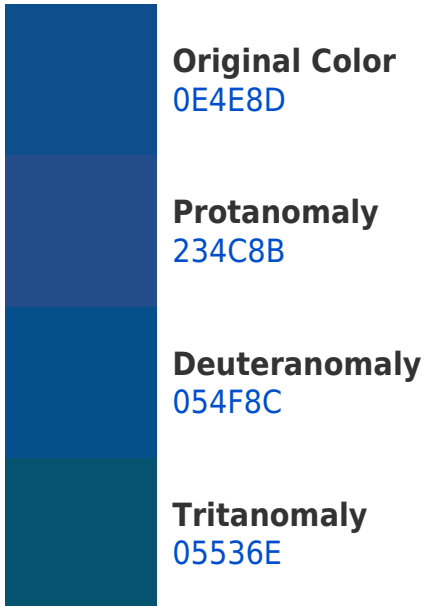
## Dichromacy





**Tritanopia**  
00565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E4E8D 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 #0E4E8D looks like.

```
.text, #text, p{  
    color:#0E4E8D  
}
```

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 #0E4E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4E8D
}
```

## Border

The CSS property to change the border of an element to Hex 0E4E8D 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
#0E4E8D }
```

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

```
.border{ border-color:#0E4E8D }
```

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

Here you see how a box with a 4 pixel #0E4E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4E8D; -webkit-box-shadow:4px 4px  
4px 4px #0E4E8D; box-shadow:4px 4px 4px  
4px #0E4E8D }
```

# Background

The CSS property to change the background color of an element to Hex 0E4E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4E8D }
```

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

```
.background{ background-color:#0E4E8D }
```

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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