

# Converting Colors

Hex(0E5791)

Have a look what the booklet for  
Hex(0E5791) contains.

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# Color

**Hex(0E5791)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E5791
RGB	14, 87, 145
RGB Percent	5%, 34%, 57%
CMY	0.9451, 0.6588, 0.4314
CMYK	0.90, 0.40, 0.00, 0.43
HSL	207°, 82%, 31%
HSV	207°, 90%, 57%
XYZ	8.7001, 8.9541, 28.0578
YIQ	71.7850, -62.1260, 2.5620

# Conversions

## Conversions Part 2

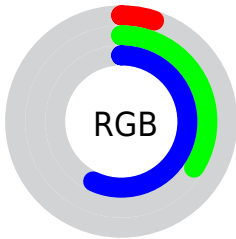
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 61, 145
Decimal	939921
CIE Lab	35.90, 1.65, -37.80
CIE LCh	36, 37.831, 272.497
Yxy	8.9541, 0.1903, 0.1959
Android (android.graphics.Color)	4279130001 (0xFF0E5791)
YUV	71.7850, 36.0950, -50.6774
Hunter-Lab	29.9234, -0.4676, -34.6472

# Details

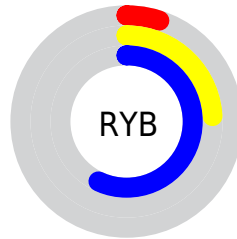
The Hex color **0E5791** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **91480E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5588C7**, and **002B5E** is the 20% darker color. If you saturate the color by 10%, you get **005191**, and if you desaturate by 10%, it is **1D5D91**.

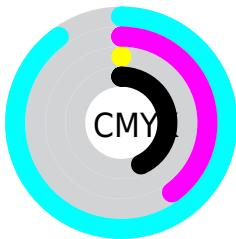
# Distribution



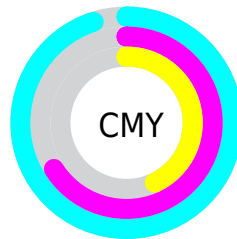
- Red (5%)
- Green (34%)
- Blue (57%)



- Red (5%)
- Yellow (24%)
- Blue (57%)



- Cyan (90%)
- Magenta (40%)
- Yellow (0%)
- Black (43%)



- Cyan (95%)
- Magenta (66%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E5791 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 0E5791 by changing the saturation by 10% instead.



0E5791

0E5791

FFFFFF

004077

5588C7

002B5E

72A3E4

001646

8FBDFE

00042F

ABD9FF

000119

C8F6FF

000000

E6FFFF

0E5791

0E5791

005191

1D5D91

■ 2B6491

■ 3A6A91

■ 487191

■ 577791

■ 657E91

■ 748491

■ 828A91

■ 919191

# Harmonies

## Analogous

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



005F8A



0E5791



594B88

# Triad

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



0E5791



893D36



136137

# Complementary

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



0E5791



91480E

# 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.



435C1E



0E5791



7A481E

# Square

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



0E5791



8B3853



625412



006356

# Rectangle

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



0E5791



72437A



625412



28602E



# Sweetspot

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



0E5791



8AA6BD



0E9147



40515E



DEDEDE



5E5E5E



# Same Dimension

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



0E5791



0069BD



0E1791



404447



004B87



000408



# Inverse Universe

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



910E57



BD0069



91880E



474044



87004B



080004



# Previews

## White Background



This preview shows how the Hex color 0E5791 looks on a white background.

## Color Contrast Check

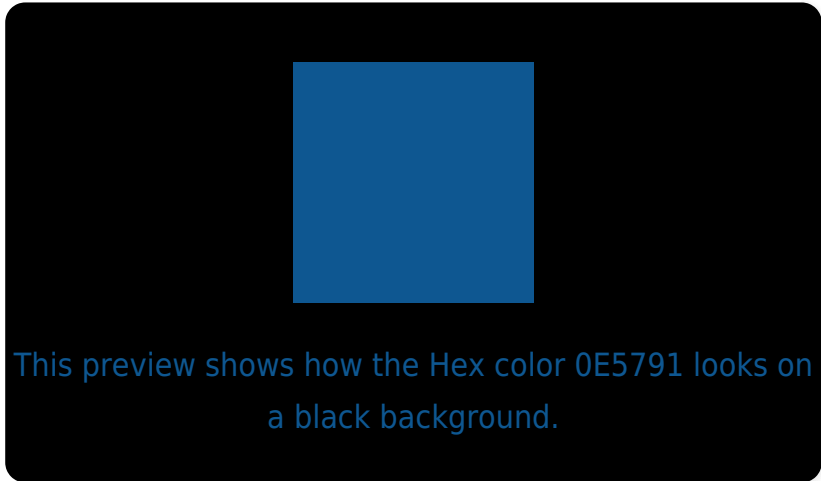
Large Text (above 18pt) WCAG AA ✓ Pass

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

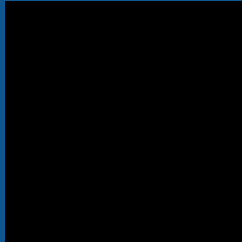
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E5791 Background



This preview shows how black text looks on a background with the Hex color 0E5791.



This preview shows how white text looks on a background with the Hex color 0E5791.

# 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](#).

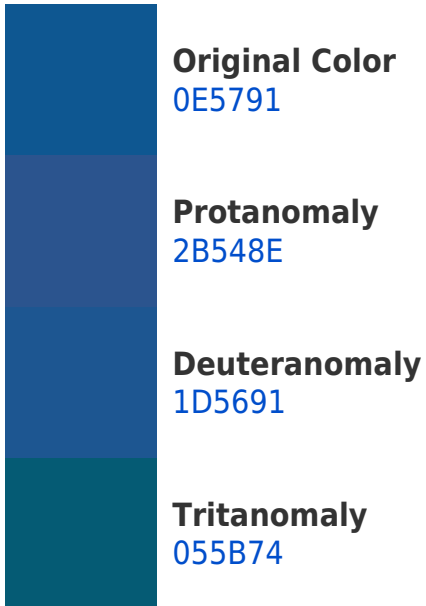
## Dichromacy





**Tritanopia**  
005E64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E5791 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 #0E5791 looks like.

```
.text, #text, p{  
    color:#0E5791  
}
```

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 #0E5791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E5791
}
```

## Border

The CSS property to change the border of an element to Hex 0E5791 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
#0E5791 }
```

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

```
.border{ border-color:#0E5791 }
```

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

Here you see how a box with a 4 pixel #0E5791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E5791; -webkit-box-shadow:4px 4px  
4px 4px #0E5791; box-shadow:4px 4px 4px  
4px #0E5791 }
```

# Background

The CSS property to change the background color of an element to Hex 0E5791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E5791 }
```

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

```
.background{ background-color:#0E5791 }
```

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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