

# Converting Colors

Hex(0E659B)

Have a look what the booklet for  
Hex(0E659B) contains.

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# Color

**Hex(0E659B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E659B
RGB	14, 101, 155
RGB Percent	5%, 40%, 61%
CMY	0.9451, 0.6039, 0.3922
CMYK	0.91, 0.35, 0.00, 0.39
HSL	203°, 83%, 33%
HSV	203°, 91%, 61%
XYZ	10.7512, 11.7673, 32.7150
YIQ	81.1430, -69.1860, -1.6500

# Conversions

## Conversions Part 2

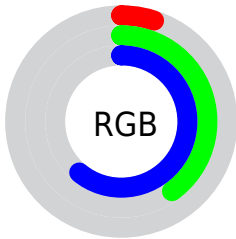
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 68, 155
Decimal	943515
CIE <sub>Lab</sub>	40.84, -3.21, -35.95
CIE <sub>LCh</sub>	41, 36.091, 264.904
Yxy	11.7673, 0.1946, 0.2130
Android (android.graphics.Color)	4279133595 (0xFF0E659B)
YUV	81.1430, 36.4115, -58.8844
Hunter-Lab	34.3035, -4.0867, -32.5321

# Details

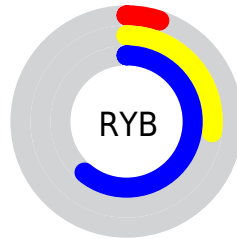
The Hex color **0E659B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B440E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5898D2**, and **003767** is the 20% darker color. If you saturate the color by 10%, you get **00609B**, and if you desaturate by 10%, it is **1D6B9B**.

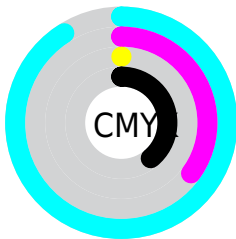
# Distribution



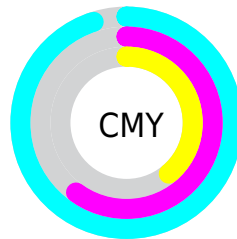
- Red (5%)
- Green (40%)
- Blue (61%)



- Red (5%)
- Yellow (27%)
- Blue (61%)



- Cyan (91%)
- Magenta (35%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (60%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E659B 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 0E659B by changing the saturation by 10% instead.



■ 0E659B

■ 0E659B

FFFFFF

■ 004D81

■ 5898D2

■ 003767

■ 76B2EE

■ 00224F

■ 93CEFF

■ 000B38

■ B0EAFB

■ 000222

■ CDFFFF

■ 000007

■ EAFBFF

■ 000000

■ 0E659B

■ 0E659B

■ 00609B

■ 1D6B9B

■ 2D719B

■ 3C779B

■ 4C7D9B

■ 5C839B

■ 6B899B

■ 7A8F9B

■ 8A949B

■ 9A9A9B

# Harmonies

## Analogous

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



006C90



0E659B



5A5B96

# Triad

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



0E659B



974949



346C3D

# Complementary

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



0E659B



9B440E

# 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.



596628



0E659B



8B5231

# Square

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



0E659B



944767



765D23



006F5A

# Rectangle

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



0E659B



75538A



765D23



426A35



# Sweetspot

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



0E659B



93B5C9



0E9B42



455966



E6E6E6



666666



# Same Dimension

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



0E659B



007CC9



0E219B



454A4D



00578C



00080D



# Inverse Universe

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



9B0E65



C9007C



9B880E



4D454A



8C0057



0D0008



# Previews

## White Background



This preview shows how the Hex color 0E659B looks on a white background.

## Color Contrast Check

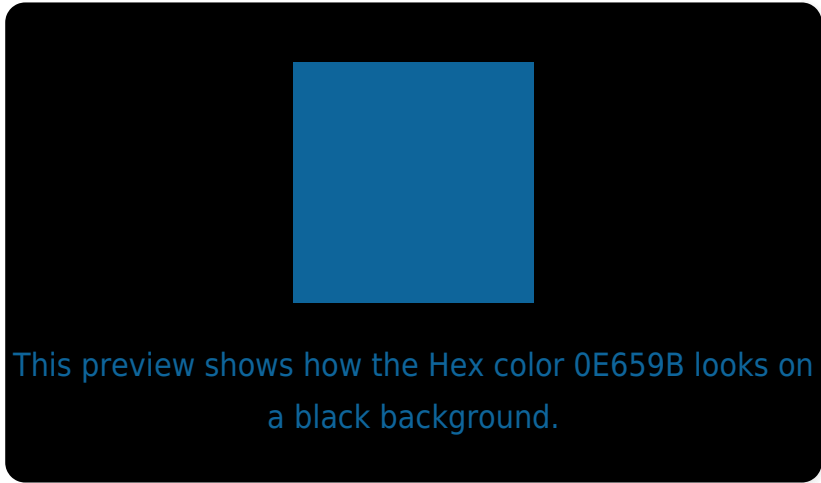
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

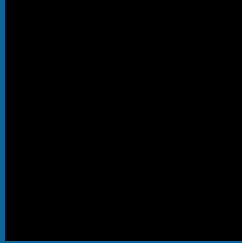
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E659B Background



This preview shows how black text looks on a background with the Hex color 0E659B.



This preview shows how white text looks on a background with the Hex color 0E659B.

# 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](#).

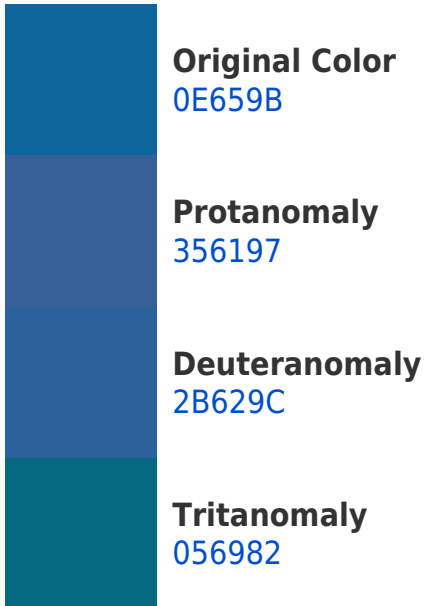
## Dichromacy





**Tritanopia**  
006B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E659B 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 #0E659B looks like.

```
.text, #text, p{  
    color:#0E659B  
}
```

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 #0E659B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E659B
}
```

## Border

The CSS property to change the border of an element to Hex 0E659B 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
#0E659B }
```

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

```
.border{ border-color:#0E659B }
```

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

Here you see how a box with a 4 pixel #0E659B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E659B; -webkit-box-shadow:4px 4px  
4px 4px #0E659B; box-shadow:4px 4px 4px  
4px #0E659B }
```

# Background

The CSS property to change the background color of an element to Hex 0E659B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E659B }
```

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

```
.background{ background-color:#0E659B }
```

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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