

# Converting Colors

Hex(0B739F)

Have a look what the booklet for  
Hex(0B739F) contains.

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# Color

Hex(0B739F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B739F
RGB	11, 115, 159
RGB Percent	4%, 45%, 62%
CMY	0.9569, 0.5490, 0.3765
CMYK	0.93, 0.28, 0.00, 0.38
HSL	198°, 87%, 33%
HSV	198°, 93%, 62%
XYZ	12.5268, 14.8358, 35.0043
YIQ	88.9200, -76.1080, -8.3640

# Conversions

## Conversions Part 2

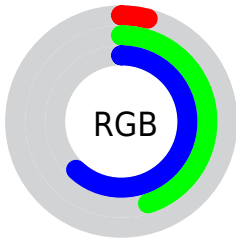
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 72, 159
Decimal	750495
CIE <sub>Lab</sub>	45.41, -10.24, -31.13
CIE <sub>LCh</sub>	45, 32.774, 251.791
Yxy	14.8358, 0.2009, 0.2379
Android (android.graphics.Color)	4278940575 (0xFF0B739F)
YUV	88.9200, 34.5494, -68.3358
Hunter-Lab	38.5173, -9.3528, -26.9203

# Details

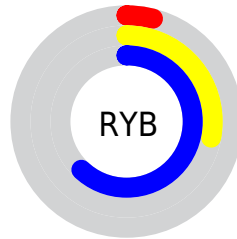
The Hex color **0B739F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9F370B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **59A7D6**, and **00436B** is the 20% darker color. If you saturate the color by 10%, you get **00709F**, and if you desaturate by 10%, it is **1B789F**.

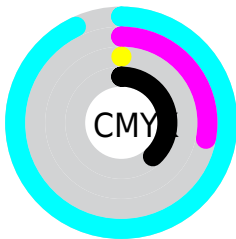
# Distribution



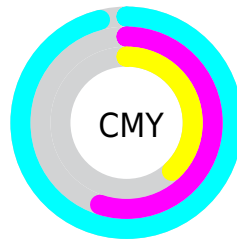
- Red (4%)
- Green (45%)
- Blue (62%)



- Red (4%)
- Yellow (28%)
- Blue (62%)



- Cyan (93%)
- Magenta (28%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (55%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B739F 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 0B739F by changing the saturation by 10% instead.



0B739F

0B739F

FFFFFF

005B85

59A7D6

00436B

77C2F2

002D53

94DEFF

00193B

B1FAFF

000225

CFFFFFF

00010E

EDFFFF

000000

0B739F

0B739F

00709F

1B789F

■ 2B7C9F

■ 3B819F

■ 4B869F

■ 5B8B9F

■ 6A8F9F

■ 7A949F

■ 8A999F

■ 9A9E9F

# Harmonies

## Analogous

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



00788F



0B739F



536BA1

# Triad

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



0B739F



A05562



547441

# Complementary

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



0B739F



9F370B

# 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.



726D34



0B739F



9B5B48

# Square

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



0B739F



96577D



8A6437



2D7859

# Rectangle

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



0B739F



70649A



8A6437



5E723C



# Sweetspot

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



0B739F



95BDCF



0B9F35



455E69



E8E8E8



696969



# Same Dimension

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



0B739F



0091CF



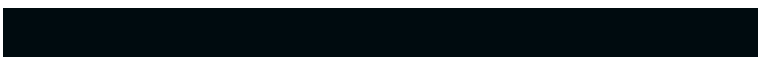
0B2B9F



474D4F



00648F



000B0F



# Inverse Universe

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



9F0B73



CF0091



9F7F0B



4F474D



8F0064



0F000B



# Previews

## White Background



This preview shows how the Hex color 0B739F looks on a white background.

## Color Contrast Check

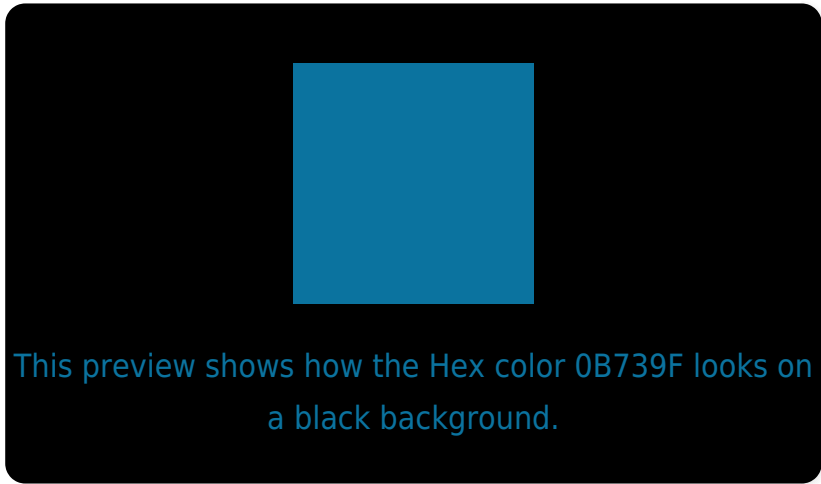
Large Text (above 18pt) WCAG AA ✓ Pass

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

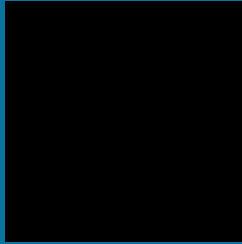
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B739F Background



This preview shows how black text looks on a background with the Hex color 0B739F.

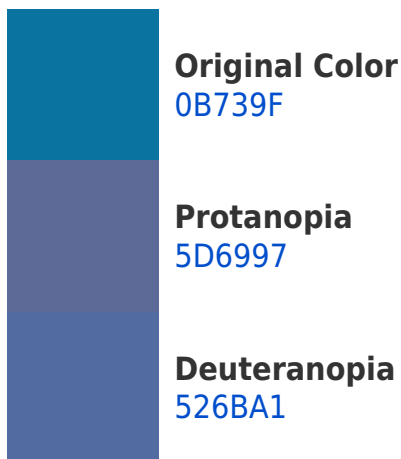


This preview shows how white text looks on a background with the Hex color 0B739F.

# 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](#).

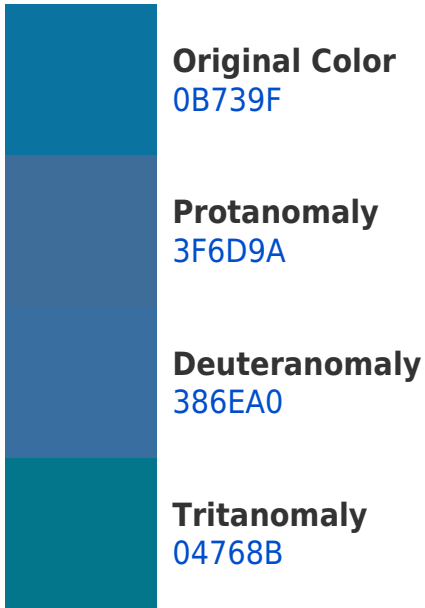
## Dichromacy



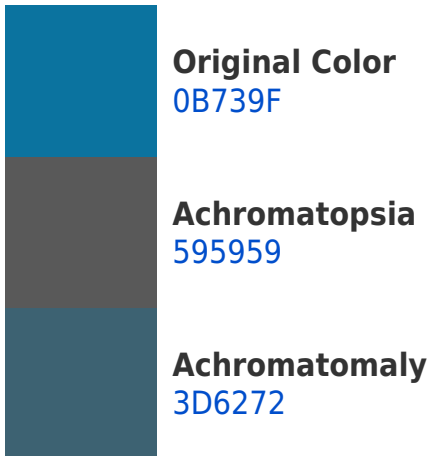


**Tritanopia**  
007780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B739F 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 #0B739F looks like.

```
.text, #text, p{  
    color:#0B739F  
}
```

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 #0B739F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B739F
}
```

## Border

The CSS property to change the border of an element to Hex 0B739F 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
#0B739F }
```

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

```
.border{ border-color:#0B739F }
```

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

Here you see how a box with a 4 pixel #0B739F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B739F; -webkit-box-shadow:4px 4px  
4px 4px #0B739F; box-shadow:4px 4px 4px  
4px #0B739F }
```

# Background

The CSS property to change the background color of an element to Hex 0B739F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B739F }
```

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

```
.background{ background-color:#0B739F }
```

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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