

# Converting Colors

Hex(0B679D)

Have a look what the booklet for  
Hex(0B679D) contains.

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# Color

**Hex(0B679D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B679D
RGB	11, 103, 157
RGB Percent	4%, 40%, 62%
CMY	0.9569, 0.5961, 0.3843
CMYK	0.93, 0.34, 0.00, 0.38
HSL	202°, 87%, 33%
HSV	202°, 93%, 62%
XYZ	11.0741, 12.2060, 33.6706
YIQ	81.6480, -72.1660, -2.7100

# Conversions

## Conversions Part 2

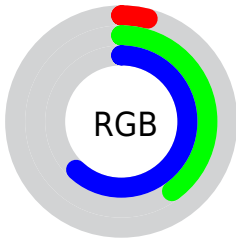
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 67, 157
Decimal	747421
CIE <sub>Lab</sub>	41.54, -3.82, -36.04
CIE <sub>LCh</sub>	42, 36.239, 263.955
Yxy	12.2060, 0.1945, 0.2143
Android (android.graphics.Color)	4278937501 (0xFF0B679D)
YUV	81.6480, 37.1485, -61.9583
Hunter-Lab	34.9370, -4.5603, -32.6849

# Details

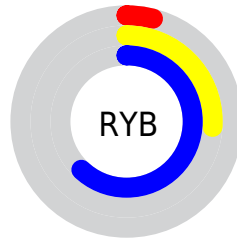
The Hex color **0B679D** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9D410B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **589AD4**, and **003969** is the 20% darker color. If you saturate the color by 10%, you get **00639D**, and if you desaturate by 10%, it is **1B6D9D**.

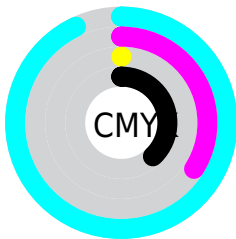
# Distribution



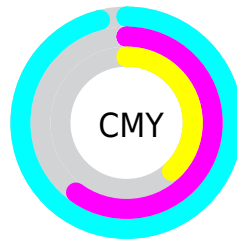
- Red (4%)
- Green (40%)
- Blue (62%)



- Red (4%)
- Yellow (26%)
- Blue (62%)



- Cyan (93%)
- Magenta (34%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (60%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B679D 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 0B679D by changing the saturation by 10% instead.



0B679D

0B679D

FFFFFF

004F83

589AD4

003969

76B4F0

002451

93D0FF

000D39

B0ECFF

000223

CDFFFF

00000A

EBFFFF

000000

0B679D

0B679D

00639D

1B6D9D

■ 2A739D

■ 3A789D

■ 4A7E9D

■ 59849D

■ 698A9D

■ 79909D

■ 89959D

■ 989B9D

# Harmonies

## Analogous

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



006E92



0B679D



5A5D98

# Triad

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



0B679D



994A4B



376E3E

# Complementary

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



0B679D



9D410B

# 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.



5B6729



0B679D



8E5333

# Square

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



0B679D



964969



785E25



00715B

# Rectangle

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



0B679D



76558D



785E25



446C35



# Sweetspot

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



0B679D



93B7CC



0B9D41



435966



E6E6E6



666666



# Same Dimension

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



0B679D



0081CC



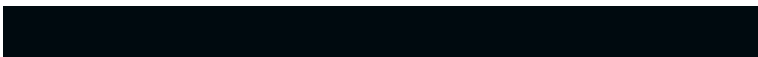
0B1E9D



474C4F



005A8F



000A0F



# Inverse Universe

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



9D0B67



CC0081



9D8A0B



4F474C



8F005A



0F000A



# Previews

## White Background



This preview shows how the Hex color 0B679D looks on a white background.

### Color Contrast Check

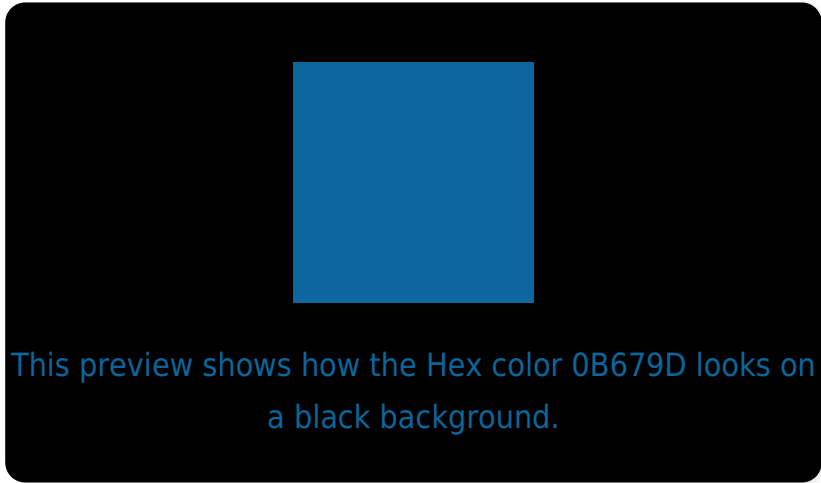
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B679D Background



This preview shows how black text looks on a background with the Hex color 0B679D.



This preview shows how white text looks on a background with the Hex color 0B679D.

# 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](#).

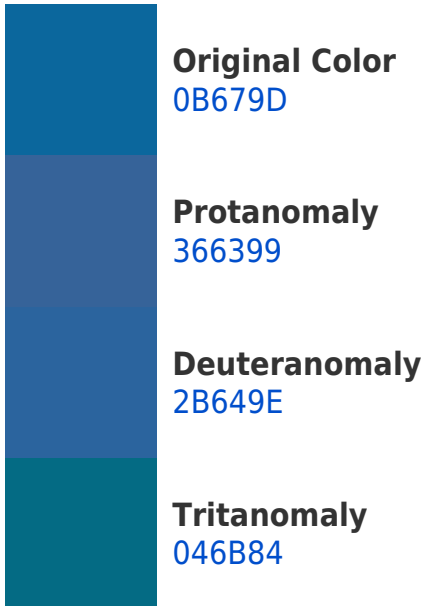
## Dichromacy





**Tritanopia**  
006D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B679D 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 #0B679D looks like.

```
.text, #text, p{  
    color:#0B679D  
}
```

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 #0B679D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B679D
}
```

## Border

The CSS property to change the border of an element to Hex 0B679D 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
#0B679D }
```

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

```
.border{ border-color:#0B679D }
```

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

Here you see how a box with a 4 pixel #0B679D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B679D; -webkit-box-shadow:4px 4px  
4px 4px #0B679D; box-shadow:4px 4px 4px  
4px #0B679D }
```

# Background

The CSS property to change the background color of an element to Hex 0B679D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B679D }
```

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

```
.background{ background-color:#0B679D }
```

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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