

# Converting Colors

Hex(0B8D99)

Have a look what the booklet for  
Hex(0B8D99) contains.

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# Color

**Hex(0B8D99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B8D99
RGB	11, 141, 153
RGB Percent	4%, 55%, 60%
CMY	0.9569, 0.4471, 0.4000
CMYK	0.93, 0.08, 0.00, 0.40
HSL	185°, 87%, 32%
HSV	185°, 93%, 60%
XYZ	15.4127, 21.4208, 33.4593
YIQ	103.4980, -81.3320, -23.8280

# Conversions

## Conversions Part 2

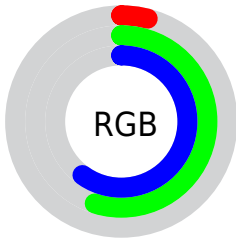
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 79, 153
Decimal	757145
CIELab	53.41, -26.51, -15.30
CIELCh	53, 30.607, 209.983
Yxy	21.4208, 0.2193, 0.3047
Android (android.graphics.Color)	4278947225 (0xFF0B8D99)
YUV	103.4980, 24.4045, -81.1207
Hunter-Lab	46.2826, -21.5520, -10.4649

# Details

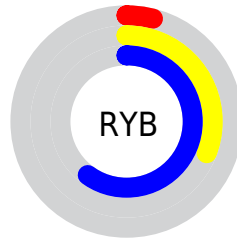
The Hex color **0B8D99** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **99170B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5BC3CF**, and **005A66** is the 20% darker color. If you saturate the color by 10%, you get **008C99**, and if you desaturate by 10%, it is **1A8E99**.

# Distribution



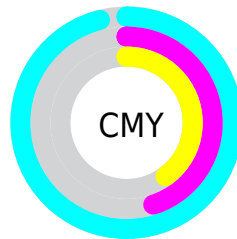
- Red (4%)
- Green (55%)
- Blue (60%)



- Red (4%)
- Yellow (31%)
- Blue (60%)



- Cyan (93%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (96%)
- Magenta (45%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B8D99 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 0B8D99 by changing the saturation by 10% instead.



 0B8D99

 0B8D99

FFFFFF

 00737F

 5BC3CF

 005A66

 79DFEC

 00424E

 96FCFF

 002C37

 B4FFFF

 001522

 D2FFFF

 00000A

 F0FFFF

 000000

 0B8D99

 0B8D99

 008C99

 1A8E99

■ 2A9099

■ 399199

■ 489299

■ 579399

■ 679599

■ 769699

■ 859799

■ 959999

# Harmonies

## Analogous

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



328E7F



0B8D99



2989AD

# Triad

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



0B8D99



A1709A



917E4A

# Complementary

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



0B8D99



99170B

# 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.



A67553



0B8D99



B16B81

# Square

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



0B8D99



8279AD



B26D67



768651

# Rectangle

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



0B8D99



4A85B3



B26D67



997B4C



# Sweetspot

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



0B8D99



8FC2C7



0B9917



426163



E3E3E3



636363



# Same Dimension

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



0B8D99



00B6C7



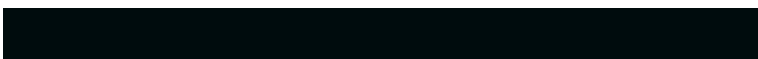
0B4699



454C4D



00808C



000C0D



# Inverse Universe

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



990B8D



C700B6



995E0B



4D454C



8C0080



0D000C



# Previews

## White Background



This preview shows how the Hex color 0B8D99 looks on a white background.

## Color Contrast Check

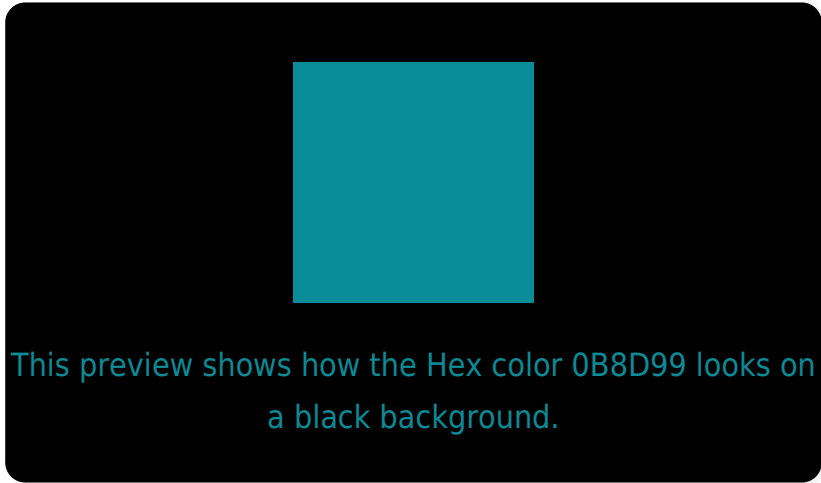
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

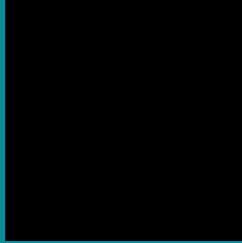
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0B8D99 Background



This preview shows how black text looks on a background with the Hex color 0B8D99.

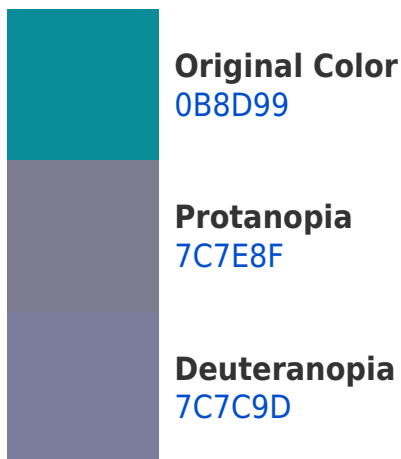


This preview shows how white text looks on a background with the Hex color 0B8D99.

# 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



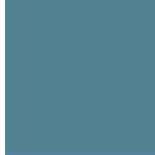


**Tritanopia**  
098D99

# Trichromacy



**Original Color**  
0B8D99



**Protanomaly**  
538393



**Deuteranomaly**  
53829C



**Tritanomaly**  
0A8D99

# Monochromacy



**Original Color**  
0B8D99



**Achromatopsia**  
676767



**Achromatomaly**  
467579

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B8D99 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 #0B8D99 looks like.

```
.text, #text, p{  
    color:#0B8D99  
}
```

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 #0B8D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8D99
}
```

## Border

The CSS property to change the border of an element to Hex 0B8D99 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
#0B8D99 }
```

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

```
.border{ border-color:#0B8D99 }
```

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

Here you see how a box with a 4 pixel #0B8D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8D99; -webkit-box-shadow:4px 4px  
4px 4px #0B8D99; box-shadow:4px 4px 4px  
4px #0B8D99 }
```

# Background

The CSS property to change the background color of an element to Hex 0B8D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8D99 }
```

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

```
.background{ background-color:#0B8D99 }
```

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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