

# Converting Colors

Hex(0F8ABD)

Have a look what the booklet for  
Hex(0F8ABD) contains.

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# Color

**Hex(0F8ABD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F8ABD
RGB	15, 138, 189
RGB Percent	6%, 54%, 74%
CMY	0.9412, 0.4588, 0.2588
CMYK	0.92, 0.27, 0.00, 0.26
HSL	198°, 85%, 40%
HSV	198°, 92%, 74%
XYZ	18.4708, 21.9526, 51.4079
YIQ	107.0370, -89.6790, -10.2150

# Conversions

## Conversions Part 2

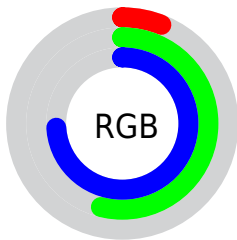
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 87, 189
Decimal	1018557
CIELab	53.98, -12.01, -35.09
CIElCh	54, 37.084, 251.103
Yxy	21.9526, 0.2011, 0.2391
Android (android.graphics.Color)	4279208637 (0xFF0F8ABD)
YUV	107.0370, 40.4078, -80.7164
Hunter-Lab	46.8536, -11.6251, -32.2555

# Details

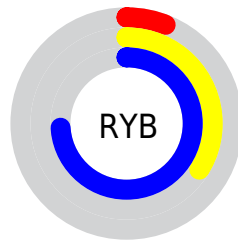
The Hex color **0F8ABD** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BD420F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **63BFF6**, and **005887** is the 20% darker color. If you saturate the color by 10%, you get **0086BD**, and if you desaturate by 10%, it is **2290BD**.

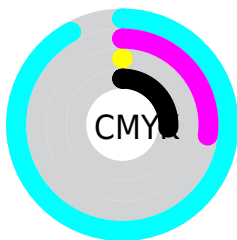
# Distribution



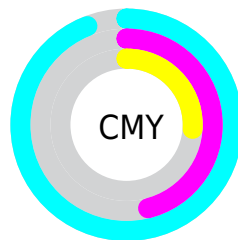
- Red (6%)
- Green (54%)
- Blue (74%)



- Red (6%)
- Yellow (34%)
- Blue (74%)



- Cyan (92%)
- Magenta (27%)
- Yellow (0%)
- Black (26%)



- Cyan (94%)
- Magenta (46%)
- Yellow (26%)
- Black (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F8ABD 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 0F8ABD by changing the saturation by 10% instead.



 0F8ABD

 0F8ABD

FFFFFF

 0071A2

 63BFF6

 005887

 82DBFF

 00416E


 A0F8FF

 002B55

 BEFFFF

 00183E

 DCFFFF

 000327

 FBFFFF

 000111

 000000

 0F8ABD

 0F8ABD

■ 0086BD

■ 2290BD

■ 3595BD

■ 489BBD

■ 5BA0BD

■ 6EA6BD

■ 80ABBD

■ 93B1BD

■ A6B6BD

■ B9BCBD

# Harmonies

## Analogous

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



0090AA



0F8ABD



6380C0

# Triad

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



0F8ABD



BE6776



668B4F

# Complementary

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



0F8ABD



BD420F

# 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.



898341



0F8ABD



B96D58

# Square

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



0F8ABD



B26A97



A67844



3A906B

# Rectangle

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



0F8ABD



8578B8



A67844



738949



# Sweetspot

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



0F8ABD



B0E1F5



0FBD40



516E7A



FAFAFA



7A7A7A



# Same Dimension

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



0F8ABD



00ADF5



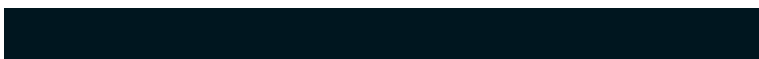
0F35BD



555C5E



00709E



00161F



# Inverse Universe

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



BD0F8A



F500AD



BD970F



5E555C



9E0070



1F0016



# Previews

## White Background



This preview shows how the Hex color 0F8ABD looks on a white background.

## Color Contrast Check

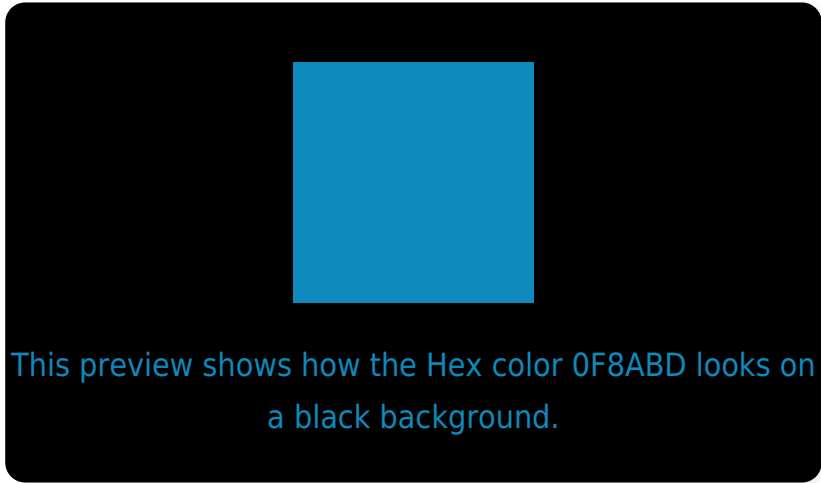
Large Text (above 18pt) WCAG AA ✓ Pass

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

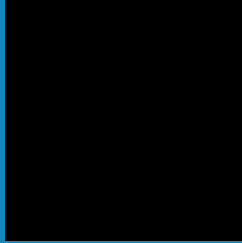
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0F8ABD Background



This preview shows how black text looks on a background with the Hex color 0F8ABD.

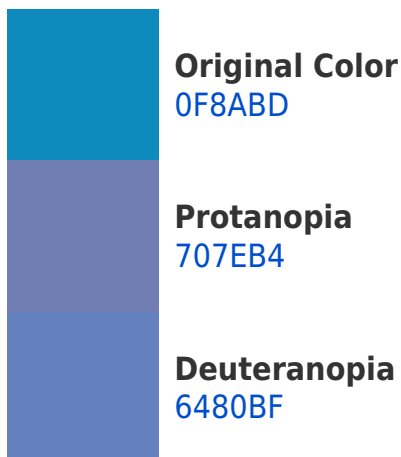


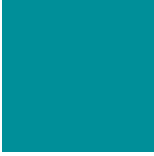
This preview shows how white text looks on a background with the Hex color 0F8ABD.

# 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](#).

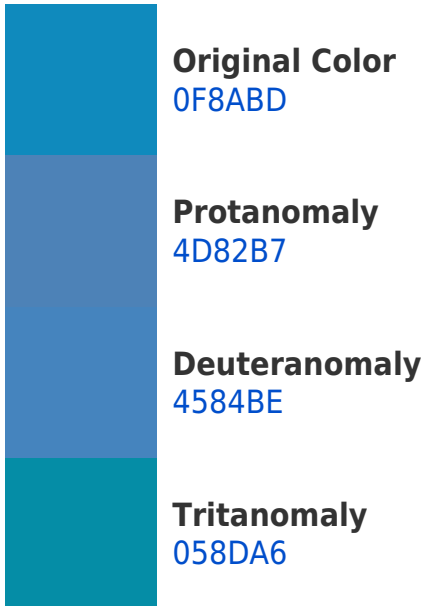
## Dichromacy



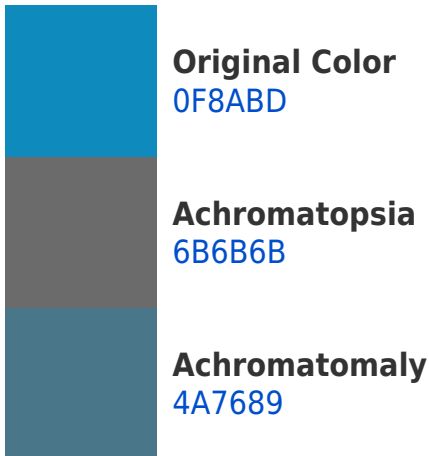


**Tritanopia**  
008F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F8ABD 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 #0F8ABD looks like.

```
.text, #text, p{  
    color:#0F8ABD  
}
```

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 #0F8ABD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F8ABD
}
```

## Border

The CSS property to change the border of an element to Hex 0F8ABD 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
#0F8ABD }
```

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

```
.border{ border-color:#0F8ABD }
```

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

Here you see how a box with a 4 pixel #0F8ABD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F8ABD; -webkit-box-shadow:4px 4px  
4px 4px #0F8ABD; box-shadow:4px 4px 4px  
4px #0F8ABD }
```

# Background

The CSS property to change the background color of an element to Hex 0F8ABD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F8ABD }
```

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

```
.background{ background-color:#0F8ABD }
```

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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