

# Converting Colors

Hex(0F8CBA)

Have a look what the booklet for  
Hex(0F8CBA) contains.

<b>Hex(0F8CBA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0F8CBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F8CBA
RGB	15, 140, 186
RGB Percent	6%, 55%, 73%
CMY	0.9412, 0.4510, 0.2706
CMYK	0.92, 0.25, 0.00, 0.27
HSL	196°, 85%, 39%
HSV	196°, 92%, 73%
XYZ	18.4380, 22.4029, 49.8068
YIQ	107.8690, -89.2660, -12.1940

# Conversions

## Conversions Part 2

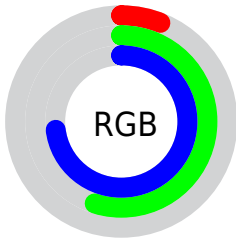
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 87, 186
Decimal	1019066
CIELab	54.45, -14.23, -32.63
CIELCh	54, 35.600, 246.440
Yxy	22.4029, 0.2034, 0.2471
Android (android.graphics.Color)	4279209146 (0xFF0F8CBA)
YUV	107.8690, 38.5186, -81.4461
Hunter-Lab	47.3317, -13.2960, -29.2582

# Details

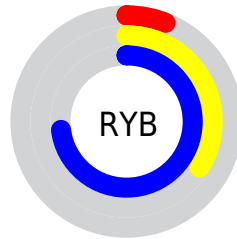
The Hex color **0F8CBA** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BA3D0F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **62C2F2**, and **005A85** is the 20% darker color. If you saturate the color by 10%, you get **0088BA**, and if you desaturate by 10%, it is **2291BA**.

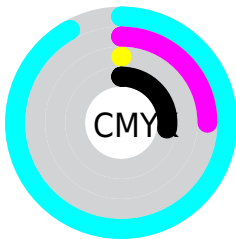
# Distribution



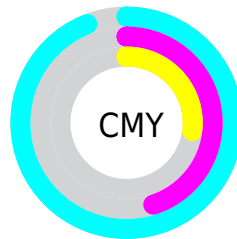
- Red (6%)
- Green (55%)
- Blue (73%)



- Red (6%)
- Yellow (34%)
- Blue (73%)



- Cyan (92%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (94%)
- Magenta (45%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F8CBA 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 0F8CBA by changing the saturation by 10% instead.



0F8CBA

0F8CBA

FFFFFF

00729F

62C2F2

005A85

81DDFF

00436B

9FFAFF

002C53

BDFFFF

00193B

DBFFFF

000225

FAFFFF

00010E

000000

0F8CBA

0F8CBA

0088BA

2291BA

3496BA

479BBA

59A0BA

6CA5BA

7FAABA

91AFBA

A4B4BA

B6B9BA

# Harmonies

## Analogous

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



0091A6



0F8CBA



5E83BF

# Triad

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



0F8CBA



BD697D



6E8B4F

# Complementary

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



0F8CBA



BA3D0F

# 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.



8F8344



0F8CBA



BA6E5F

# Square

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



0F8CBA



AE6D9B



AA784A



479069

# Rectangle

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



0F8CBA



807CB9



AA784A



7A894A



# Sweetspot

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



0F8CBA



AEE0F2



0FBA3D



516F7A



FAFAFA



7A7A7A



# Same Dimension

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



0F8CBA



00B1F2



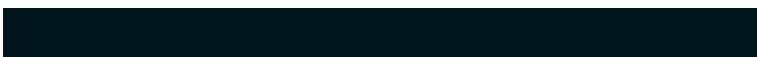
0F37BA



53595C



00729C



00151C



# Inverse Universe

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



BA0F8C



F200B1



BA920F



5C5359



9C0072



1C0015



# Previews

## White Background



This preview shows how the Hex color 0F8CBA looks on a white background.

## Color Contrast Check

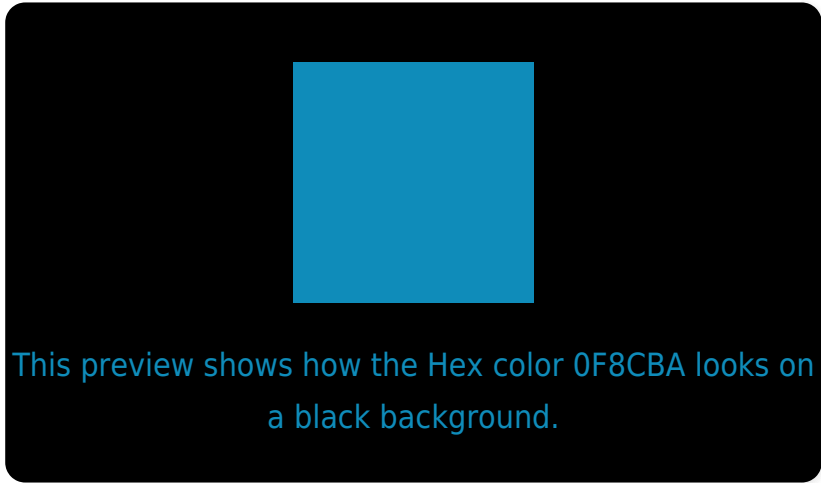
Large Text (above 18pt) WCAG AA ✓ Pass

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

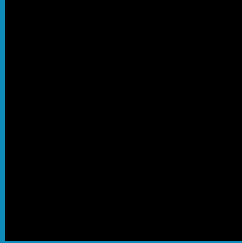
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0F8CBA Background



This preview shows how black text looks on a background with the Hex color 0F8CBA.



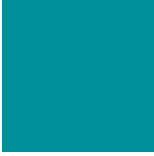
This preview shows how white text looks on a background with the Hex color 0F8CBA.

# 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](#).

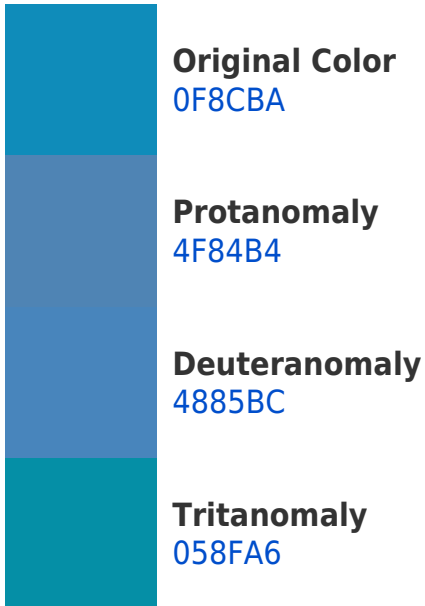
## Dichromacy



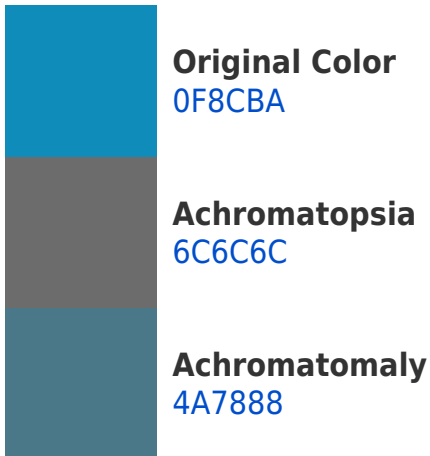


**Tritanopia**  
00909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F8CBA 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 #0F8CBA looks like.

```
.text, #text, p{  
    color:#0F8CBA  
}
```

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 #0F8CBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F8CBA
}
```

## Border

The CSS property to change the border of an element to Hex 0F8CBA 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
#0F8CBA }
```

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

```
.border{ border-color:#0F8CBA }
```

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

Here you see how a box with a 4 pixel #0F8CBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F8CBA; -webkit-box-shadow:4px 4px  
4px 4px #0F8CBA; box-shadow:4px 4px 4px  
4px #0F8CBA }
```

# Background

The CSS property to change the background color of an element to Hex 0F8CBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F8CBA }
```

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

```
.background{ background-color:#0F8CBA }
```

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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