

# Converting Colors

Hex(0C8BCD)

Have a look what the booklet for  
Hex(0C8BCD) contains.

<b>Hex(0C8BCD)</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(0C8BCD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C8BCD
RGB	12, 139, 205
RGB Percent	5%, 55%, 80%
CMY	0.9529, 0.4549, 0.1961
CMYK	0.94, 0.32, 0.00, 0.20
HSL	201°, 89%, 43%
HSV	201°, 94%, 80%
XYZ	20.4037, 22.9512, 61.1122
YIQ	108.5510, -96.8780, -6.3980

# Conversions

## Conversions Part 2

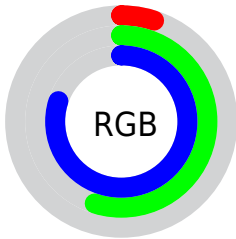
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 89, 205
Decimal	822221
CIE <sub>Lab</sub>	55.02, -6.75, -42.52
CIE <sub>LCh</sub>	55, 43.056, 260.985
Yxy	22.9512, 0.1953, 0.2197
Android (android.graphics.Color)	4279012301 (0xFF0C8BCD)
YUV	108.5510, 47.5494, -84.6752
Hunter-Lab	47.9074, -7.8151, -42.0971

# Details

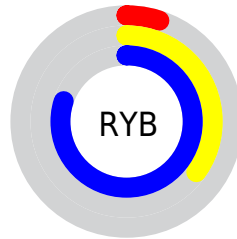
The Hex color `0C8BCD` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `CD4E0C`, and the grayscale version is `6C6C6C`.

A 20% lighter version of the original color is `65C0FF`, and `005996` is the 20% darker color. If you saturate the color by 10%, you get `0087CD`, and if you desaturate by 10%, it is `2192CD`.

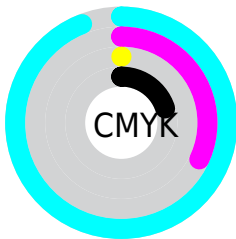
# Distribution



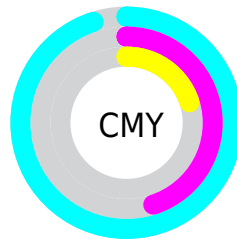
- Red (5%)
- Green (55%)
- Blue (80%)



- Red (5%)
- Yellow (35%)
- Blue (80%)



- Cyan (94%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (95%)
- Magenta (45%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C8BCD 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 0C8BCD by changing the saturation by 10% instead.



 0C8BCD

 0C8BCD

FFFFFF

 0072B1

 65C0FF

 005996

 85DCFF

 00427C

 A4F9FF

 002D63

 C3FFFF

 00194A

 E1FFFF

 000433

 00021D

 000000

 0C8BCD

 0C8BCD

■ 0087CD

■ 2192CD

■ 3599CD

■ 4AA0CD

■ 5EA7CD

■ 73AECD

■ 87B5CD

■ 9CBCCD

■ B0C3CD

■ C5CACD

# Harmonies

## Analogous

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



0093BD



0C8BCD



747EC9

# Triad

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



0C8BCD



CA656B



549253

# Complementary

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



0C8BCD



CD4E0C

# 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.



808A3B



0C8BCD



BD704B

# Square

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



0C8BCD



C36591



A37E38



009677

# Rectangle

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



0C8BCD



9874BC



A37E38



648F49

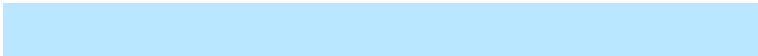


# Sweetspot

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



0C8BCD



B8E7FF



0CCD4C



547180



000000



808080

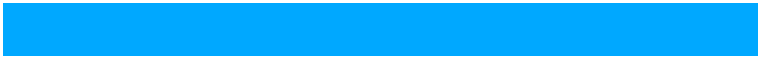


# Same Dimension

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



0C8BCD



00A8FF



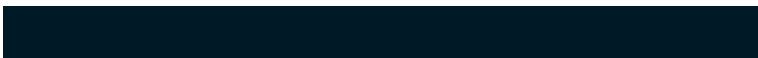
0C2CCD



5C6366



006DA6



001926



# Inverse Universe

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



CD0C8B



FF00A8



CDAD0C



665C63



A6006D



260019



# Previews

## White Background



This preview shows how the Hex color 0C8BCD 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



This preview shows how the Hex color 0C8BCD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

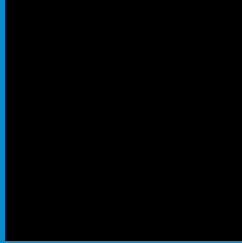
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0C8BCD Background



This preview shows how black text looks on a background with the Hex color 0C8BCD.

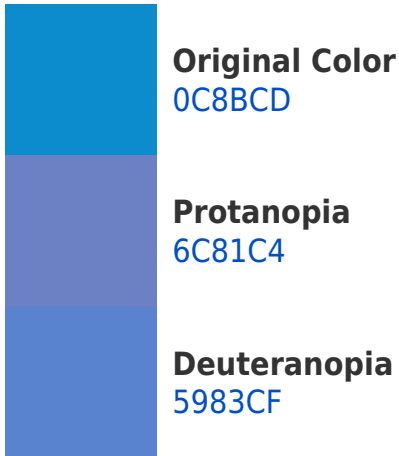


This preview shows how white text looks on a background with the Hex color 0C8BCD.

# 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](#).

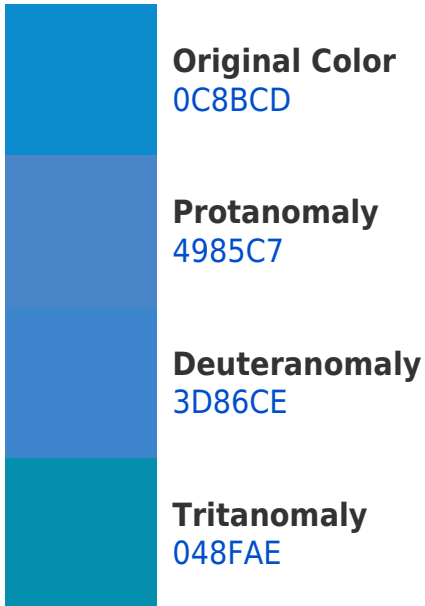
## Dichromacy





**Tritanopia**  
00929C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C8BCD 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 #0C8BCD looks like.

```
.text, #text, p{  
    color:#0C8BCD  
}
```

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 #0C8BCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C8BCD
}
```

## Border

The CSS property to change the border of an element to Hex 0C8BCD 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
#0C8BCD }
```

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

```
.border{ border-color:#0C8BCD }
```

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

Here you see how a box with a 4 pixel #0C8BCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C8BCD; -webkit-box-shadow:4px 4px  
4px 4px #0C8BCD; box-shadow:4px 4px 4px  
4px #0C8BCD }
```

# Background

The CSS property to change the background color of an element to Hex 0C8BCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C8BCD }
```

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

```
.background{ background-color:#0C8BCD }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor