

# Converting Colors

Hex(0C88C3)

Have a look what the booklet for  
Hex(0C88C3) contains.

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# Color

Hex(0C88C3)

# Conversions

## Conversions Part 1

Format	Color
Hex	0C88C3
RGB	12, 136, 195
RGB Percent	5%, 53%, 76%
CMY	0.9529, 0.4667, 0.2353
CMYK	0.94, 0.30, 0.00, 0.24
HSL	199°, 88%, 41%
HSV	199°, 94%, 76%
XYZ	18.8061, 21.6266, 54.8129
YIQ	105.6500, -92.8430, -7.9390

# Conversions

## Conversions Part 2

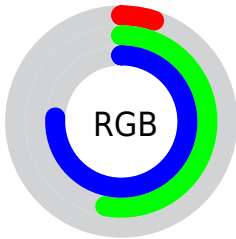
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 86, 195
Decimal	821443
CIE <sub>Lab</sub>	53.63, -8.77, -39.05
CIE <sub>LCh</sub>	54, 40.023, 257.346
Yxy	21.6266, 0.1974, 0.2271
Android (android.graphics.Color)	4279011523 (0xFF0C88C3)
YUV	105.6500, 44.0496, -82.1310
Hunter-Lab	46.5044, -9.1984, -37.3297

# Details

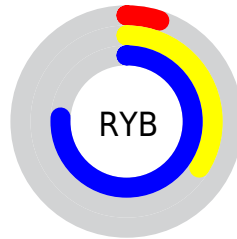
The Hex color **0C88C3** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C3470C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **63BDFC**, and **00578D** is the 20% darker color. If you saturate the color by 10%, you get **0084C3**, and if you desaturate by 10%, it is **208EC3**.

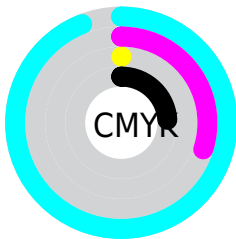
# Distribution



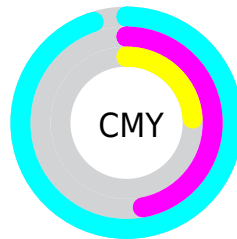
- Red (5%)
- Green (53%)
- Blue (76%)



- Red (5%)
- Yellow (34%)
- Blue (76%)



- Cyan (94%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (47%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C88C3 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 0C88C3 by changing the saturation by 10% instead.



 0C88C3

 0C88C3

FFFFFF

 006FA8

 63BDFC

 00578D

 82D9FF

 003F73

 A1F5FF

 002A5A

 BFFFFF

 001642

 DDFFFF

 00032C

 FCFFFF

 000116

 000000

 0C88C3

 0C88C3

■ 0084C3

■ 208EC3

■ 3395C3

■ 479BC3

■ 5AA1C3

■ 6EA7C3

■ 81AEC3

■ 95B4C3

■ A8BAC3

■ BBC1C3

# Harmonies

## Analogous

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



008FB2



0C88C3



6B7DC2

# Triad

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



0C88C3



C1646D



5A8C50

# Complementary

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



0C88C3



C3470C

# 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.



81843C



0C88C3



B86D4F

# Square

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



0C88C3



B96590



A1793C



1D9170

# Rectangle

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



0C88C3



8E74B7



A1793C



688A47

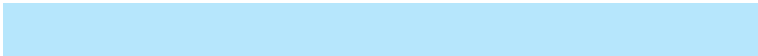


# Sweetspot

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



0C88C3



B6E6FC



0CC346



547280



000000



808080

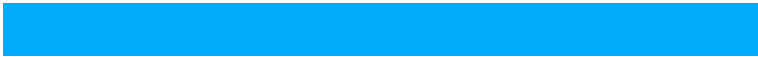


# Same Dimension

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



0C88C3



00ABFC



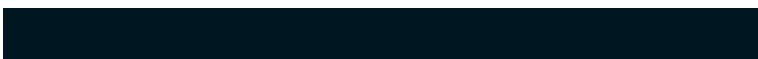
0C2EC3



575E61



006DA1



001621



# Inverse Universe

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



C30C88



FC00AB



C3A10C



61575E



A1006D



210016



# Previews

## White Background



This preview shows how the Hex color 0C88C3 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 0C88C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

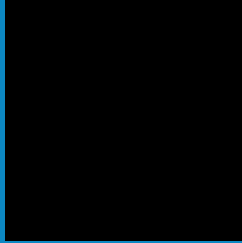
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0C88C3 Background



This preview shows how black text looks on a background with the Hex color 0C88C3.

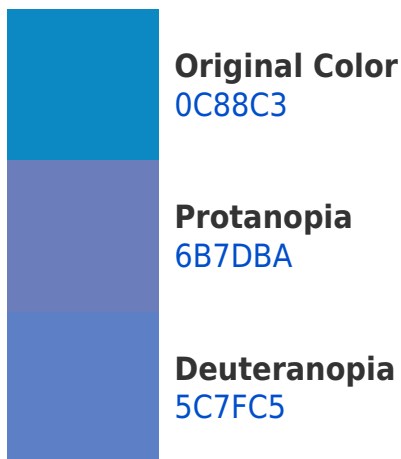


This preview shows how white text looks on a background with the Hex color 0C88C3.

# 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](#).

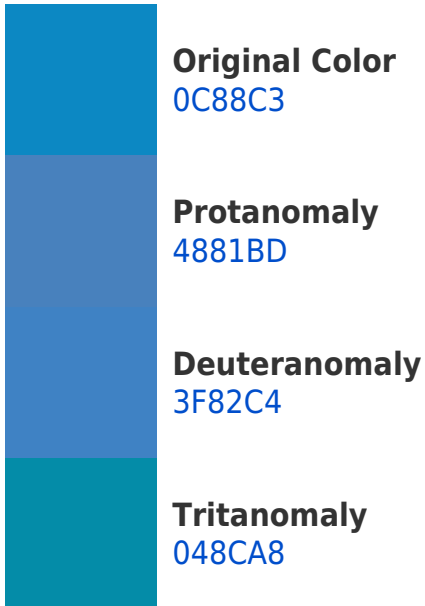
## Dichromacy



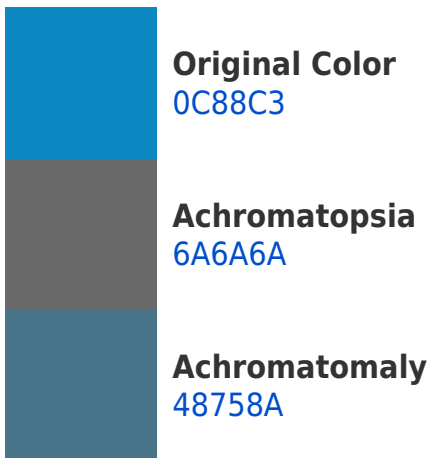


**Tritanopia**  
008E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C88C3 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 #0C88C3 looks like.

```
.text, #text, p{  
    color:#0C88C3  
}
```

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 #0C88C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C88C3
}
```

## Border

The CSS property to change the border of an element to Hex 0C88C3 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
#0C88C3 }
```

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

```
.border{ border-color:#0C88C3 }
```

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

Here you see how a box with a 4 pixel #0C88C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C88C3; -webkit-box-shadow:4px 4px  
4px 4px #0C88C3; box-shadow:4px 4px 4px  
4px #0C88C3 }
```

# Background

The CSS property to change the background color of an element to Hex 0C88C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C88C3 }
```

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

```
.background{ background-color:#0C88C3 }
```

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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