

# Converting Colors

Hex(0CA3BF)

Have a look what the booklet for  
Hex(0CA3BF) contains.

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# Color

Hex(0CA3BF)

# Conversions

## Conversions Part 1

Format	Color
Hex	0CA3BF
RGB	12, 163, 191
RGB Percent	5%, 64%, 75%
CMY	0.9529, 0.3608, 0.2510
CMYK	0.94, 0.15, 0.00, 0.25
HSL	189°, 88%, 40%
HSV	189°, 94%, 75%
XYZ	22.6528, 30.0341, 53.8935
YIQ	121.0430, -98.9840, -23.3040

# Conversions

## Conversions Part 2

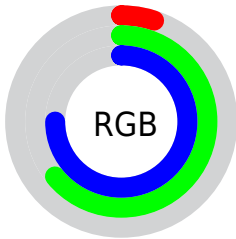
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 94, 191
Decimal	828351
CIELab	61.68, -24.84, -24.27
CIELCh	62, 34.728, 224.331
Yxy	30.0341, 0.2125, 0.2818
Android (android.graphics.Color)	4279018431 (0xFF0CA3BF)
YUV	121.0430, 34.4888, -95.6307
Hunter-Lab	54.8034, -22.1237, -19.9432

# Details

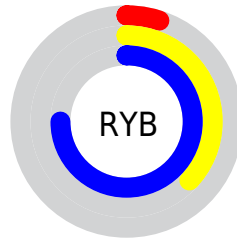
The Hex color **0CA3BF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BF280C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **65DAF7**, and **006F89** is the 20% darker color. If you saturate the color by 10%, you get **00A1BF**, and if you desaturate by 10%, it is **1FA6BF**.

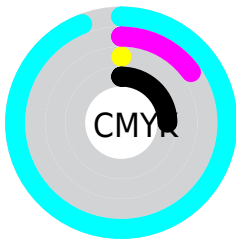
# Distribution



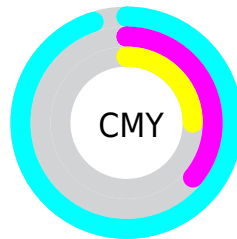
- Red (5%)
- Green (64%)
- Blue (75%)



- Red (5%)
- Yellow (37%)
- Blue (75%)



- Cyan (94%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (36%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CA3BF 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 0CA3BF by changing the saturation by 10% instead.



 0CA3BF

 0CA3BF

FFFFFF

 0089A4

 65DAF7

 006F89

 84F7FF

 005670

 A3FFFF

 003F57

 C1FFFF

 002840

 E0FFFF

 000E2A

 000115

 000000

 0CA3BF

 0CA3BF

00A1BF

1FA6BF

32A9BF

45ACBF

58AFBF

6CB2BF

7FB5BF

92B8BF

A5BBBF

B8BEBF

# Harmonies

## Analogous

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



21A5A3



0CA3BF



4B9DD0

# Triad

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



0CA3BF



C77FA6



9B9858

# Complementary

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



0CA3BF



BF280C

# 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.



B78E5A



0CA3BF



D17D87

# Square

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



0CA3BF



AB88C1



CB836B



78A068

# Rectangle

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



0CA3BF



6F97D2



CB836B



A59557

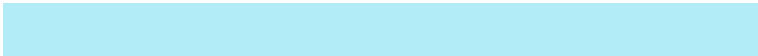


# Sweetspot

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



0CA3BF



B2EDF7



0CBF27



52767D



FCFCFC



7D7D7D



# Same Dimension

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



0CA3BF



00D1F7



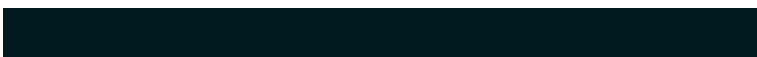
0C4BBF



555D5E



00859E



001A1F



# Inverse Universe

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



BF0CA3



F700D1



BF800C



5E555D



9E0085



1F001A



# Previews

## White Background



This preview shows how the Hex color 0CA3BF looks on a white background.

## Color Contrast Check

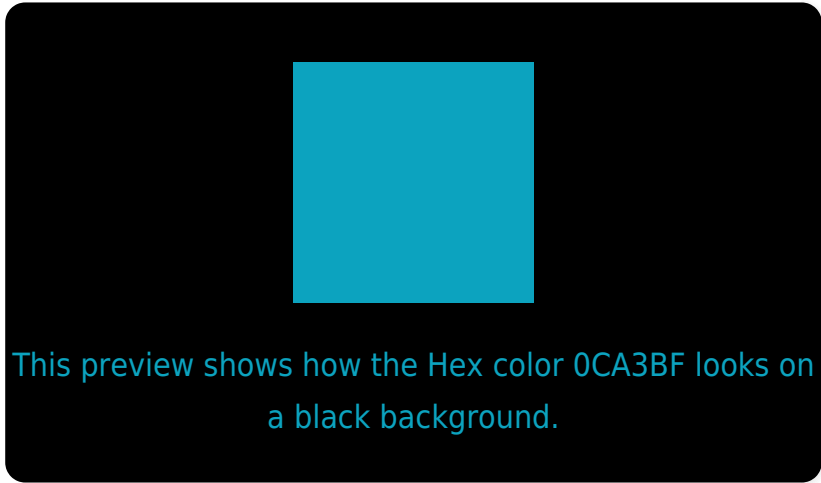
Large Text (above 18pt) WCAG AA ✓ Pass

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

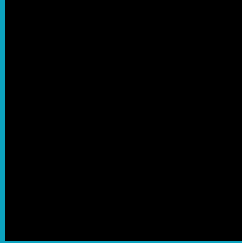
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0CA3BF Background



This preview shows how black text looks on a background with the Hex color 0CA3BF.

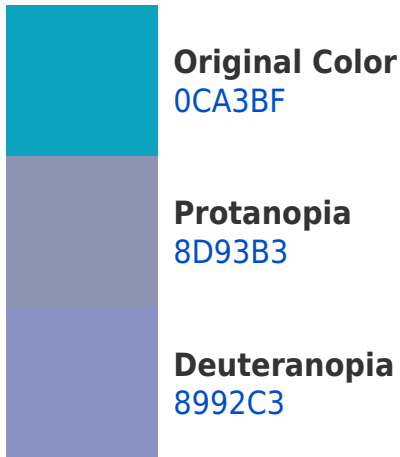


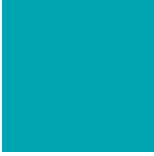
This preview shows how white text looks on a background with the Hex color 0CA3BF.

# 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



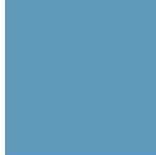


**Tritanopia**  
00A5B2

# Trichromacy



**Original Color**  
0CA3BF



**Protanomaly**  
5E99B7



**Deuteranomaly**  
5C98C2



**Tritanomaly**  
04A4B7

# Monochromacy



**Original Color**  
0CA3BF



**Achromatopsia**  
797979



**Achromatomaly**  
518892

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CA3BF 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 #0CA3BF looks like.

```
.text, #text, p{  
    color:#0CA3BF  
}
```

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 #0CA3BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA3BF
}
```

## Border

The CSS property to change the border of an element to Hex 0CA3BF 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
#0CA3BF }
```

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

```
.border{ border-color:#0CA3BF }
```

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

Here you see how a box with a 4 pixel #0CA3BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA3BF; -webkit-box-shadow:4px 4px  
4px 4px #0CA3BF; box-shadow:4px 4px 4px  
4px #0CA3BF }
```

# Background

The CSS property to change the background color of an element to Hex 0CA3BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA3BF }
```

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

```
.background{ background-color:#0CA3BF }
```

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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