

# Converting Colors

Hex(09C8CF)

Have a look what the booklet for  
Hex(09C8CF) contains.

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# Color

Hex(09C8CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	09C8CF
RGB	9, 200, 207
RGB Percent	4%, 78%, 81%
CMY	0.9647, 0.2157, 0.1882
CMYK	0.96, 0.03, 0.00, 0.19
HSL	182°, 92%, 42%
HSV	182°, 96%, 81%
XYZ	32.0294, 45.8716, 66.1975
YIQ	143.6890, -116.0830, -38.3150

# Conversions

## Conversions Part 2

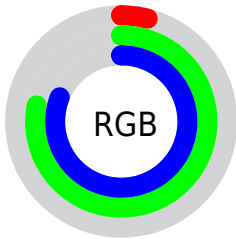
Format	Color
<a href="#">RYB</a>	9, 106, 207
Decimal	641231
CIELab	73.46, -37.67, -15.18
CIELCh	73, 40.616, 201.954
Yxy	45.8716, 0.2223, 0.3183
Android (android.graphics.Color)	4278831311 (0xFF09C8CF)
YUV	143.6890, 31.2123, -118.1223
Hunter-Lab	67.7286, -34.1109, -10.5396

# Details

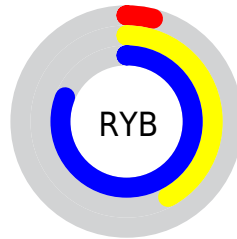
The Hex color **09C8CF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CF1009**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6CFFFF**, and **009199** is the 20% darker color. If you saturate the color by 10%, you get **00C8CF**, and if you desaturate by 10%, it is **1EC9CF**.

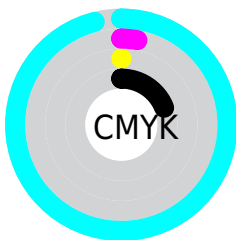
# Distribution



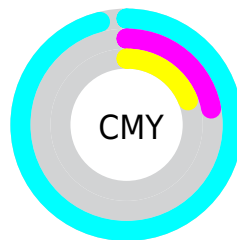
- Red (4%)
- Green (78%)
- Blue (81%)



- Red (4%)
- Yellow (42%)
- Blue (81%)



- Cyan (96%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (96%)
- Magenta (22%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09C8CF 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 09C8CF by changing the saturation by 10% instead.



 09C8CF

 09C8CF

FFFFFF

 00ACB3


 6CFFFF

 009199

 8DFFFF

 00777F

 ADFFFF

 005E66

 CCFFFF

 00454E

 EBFFFF

 002E37

 001622

 00000A

 000000

■ 09C8CF

■ 09C8CF

■ 00C8CF

■ 1EC9CF

■ 32C9CF

■ 47CACF

■ 5CCBCF

■ 71CCCF

■ 85CCCF

■ 9ACDCF

■ AFCECF

■ C3CFCF

# Harmonies

## Analogous

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



54C8A9



09C8CF



1CC4EE

# Triad

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



09C8CF



DAA1E3



D6AF6A

# Complementary

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



09C8CF



CF1009

# 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.



F1A27B



09C8CF



F698C0

# Square

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



09C8CF



AAFF9



FD999A



B1BB6E

# Rectangle

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



09C8CF



53BFFB



FD999A



E0AA6E



# Sweetspot

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



09C8CF



B5FCFF



09CF10



537E80



000000



808080



# Same Dimension

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



09C8CF



00F6FF



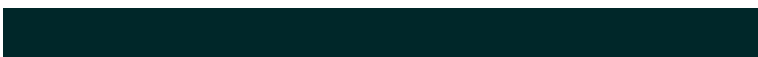
0965CF



5E6869



00A2A8



002729



# Inverse Universe

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



CF09C8



FF00F6



CF7309



695E68



A800A2

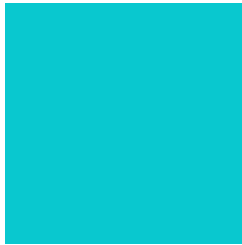


290027



# Previews

## White Background



This preview shows how the Hex color 09C8CF looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 09C8CF 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 ✓ Pass

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



## Hex 09C8CF Background



This preview shows how black text looks on a background with the Hex color 09C8CF.



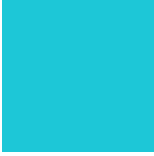
This preview shows how white text looks on a background with the Hex color 09C8CF.

# 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**  
1DC7D7

# Trichromacy



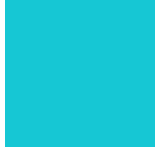
**Original Color**  
09C8CF



**Protanomaly**  
75BAC6



**Deuteranomaly**  
76B8D3



**Tritanomaly**  
16C7D4

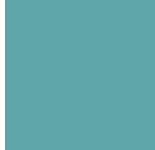
# Monochromacy



**Original Color**  
09C8CF



**Achromatopsia**  
909090



**Achromatomaly**  
5FA4A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09C8CF 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 #09C8CF looks like.

```
.text, #text, p{  
    color:#09C8CF  
}
```

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 #09C8CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09C8CF
}
```

## Border

The CSS property to change the border of an element to Hex 09C8CF 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
#09C8CF }
```

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

```
.border{ border-color:#09C8CF }
```

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

Here you see how a box with a 4 pixel #09C8CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09C8CF; -webkit-box-shadow:4px 4px  
4px 4px #09C8CF; box-shadow:4px 4px 4px  
4px #09C8CF }
```

# Background

The CSS property to change the background color of an element to Hex 09C8CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09C8CF }
```

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

```
.background{ background-color:#09C8CF }
```

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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