

# Converting Colors

Hex(08CCC2)

Have a look what the booklet for  
Hex(08CCC2) contains.

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# Color

Hex(08CCC2)

# Conversions

## Conversions Part 1

Format	Color
Hex	08CCC2
RGB	8, 204, 194
RGB Percent	3%, 80%, 76%
CMY	0.9686, 0.2000, 0.2392
CMYK	0.96, 0.00, 0.05, 0.20
HSL	177°, 92%, 42%
HSV	177°, 96%, 80%
XYZ	31.4306, 47.1324, 58.4798
YIQ	144.2560, -113.6060, -44.6620

# Conversions

## Conversions Part 2

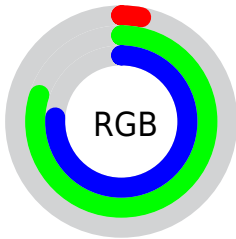
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 109, 204
Decimal	576706
CIELab	74.27, -43.35, -6.93
CIELCh	74, 43.903, 189.077
Yxy	47.1324, 0.2293, 0.3439
Android (android.graphics.Color)	4278766786 (0xFF08CCC2)
YUV	144.2560, 24.5238, -119.4965
Hunter-Lab	68.6530, -38.4223, -2.4471

# Details

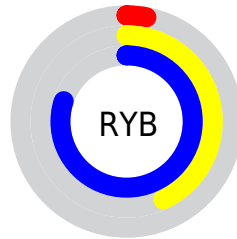
The Hex color **08CCC2** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CC0812**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6BFFFA**, and **00958D** is the 20% darker color. If you saturate the color by 10%, you get **00CCC2**, and if you desaturate by 10%, it is **1CCCC3**.

# Distribution



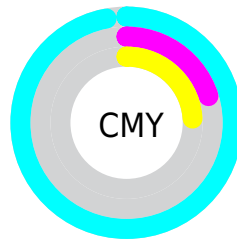
- Red (3%)
- Green (80%)
- Blue (76%)



- Red (3%)
- Yellow (43%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (97%)
- Magenta (20%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08CCC2 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 08CCC2 by changing the saturation by 10% instead.



 08CCC2

 08CCC2

FFFFFF

 00B0A7

 6BFFFA

 00958D

 8CFFFF

 007A73

 ABFFFF

 00615B

 CAFFFF

 004843

 EAFFFF

 00312D

 001819

 000000

 08CCC2

 08CCC2

■ 00CCC2

■ 1CCCC3

■ 31CCC4

■ 45CCC5

■ 5ACCC6

■ 6ECCC7

■ 82CCC8

■ 97CCC9

■ ABCCA

■ C0CCCB

# Harmonies

## Analogous

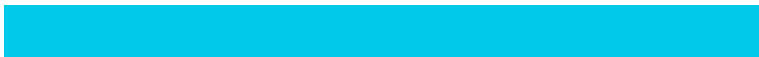
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65CA98



08CCC2



00CAE8

# Triad

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



08CCC2



CBA8F5



E8AA6C

# Complementary

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



08CCC2



CC0812

# 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.



FF9D86



08CCC2



F39BD4

# Square

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



08CCC2



8EB7FF



FF96AC



C4B865

# Rectangle

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



08CCC2



00C6FB



FF96AC



F1A672

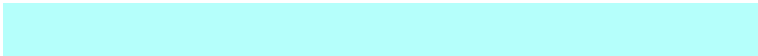


# Sweetspot

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



08CCC2



B5FFFB



15CC08



53807D



000000



808080



# Same Dimension

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



08CCC2



00FFF2



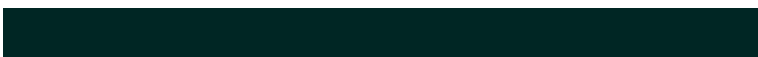
0877CC



5C6665



00A69D



002624



# Inverse Universe

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



CC0812



FF000D



CC5D08



665C5C



A60008

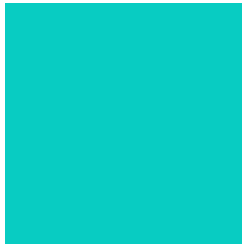


260002



# Previews

## White Background



This preview shows how the Hex color 08CCC2 looks on a white background.

## Color Contrast Check

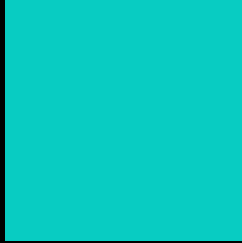
Large Text (above 18pt) WCAG AA × Fail

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 08CCC2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

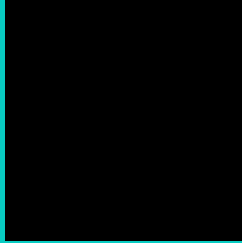
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

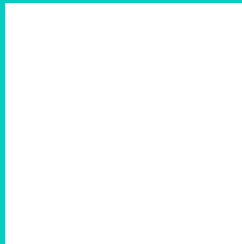
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 08CCC2 Background



This preview shows how black text looks on a background with the Hex color 08CCC2.

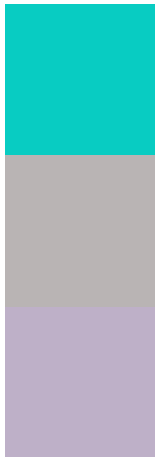


This preview shows how white text looks on a background with the Hex color 08CCC2.

# 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](#).

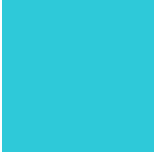
## Dichromacy



**Original Color**  
08CCC2

**Protanopia**  
B9B4B4

**Deuteranopia**  
BEB0C8



**Tritanopia**  
2EC9D9

# Trichromacy



**Original Color**  
08CCC2



**Protanomaly**  
79BDB9

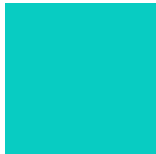


**Deuteranomaly**  
7CBAC6



**Tritanomaly**  
20CAD1

# Monochromacy



**Original Color**  
08CCC2



**Achromatopsia**  
909090



**Achromatomaly**  
5FA6A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08CCC2 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 #08CCC2 looks like.

```
.text, #text, p{  
    color:#08CCC2  
}
```

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 #08CCC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08CCC2
}
```

## Border

The CSS property to change the border of an element to Hex 08CCC2 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
#08CCC2 }
```

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

```
.border{ border-color:#08CCC2 }
```

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

Here you see how a box with a 4 pixel #08CCC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08CCC2; -webkit-box-shadow:4px 4px  
4px 4px #08CCC2; box-shadow:4px 4px 4px  
4px #08CCC2 }
```

# Background

The CSS property to change the background color of an element to Hex 08CCC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08CCC2 }
```

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

```
.background{ background-color:#08CCC2 }
```

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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