

# Converting Colors

Hex(08C9A6)

Have a look what the booklet for  
Hex(08C9A6) contains.

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**Color**

**Hex(08C9A6)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 08C9A6                        |
| RGB         | 8, 201, 166                   |
| RGB Percent | 3%, 79%, 65%                  |
| CMY         | 0.9686, 0.2118, 0.3490        |
| CMYK        | 0.96, 0.00, 0.17, 0.21        |
| HSL         | 169°, 92%, 41%                |
| HSV         | 169°, 96%, 79%                |
| XYZ         | 27.8697, 44.5781, 43.2119     |
| YIQ         | 139.3030, -103.7930, -51.8010 |

# Conversions

## Conversions Part 2

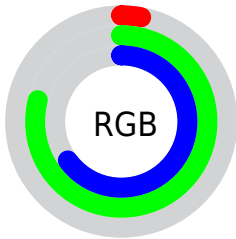
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 8, 114, 201                     |
| Decimal                             | 575910                          |
| CIELab                              | 72.61, -49.78, 5.81             |
| CIELCh                              | 73, 50.115, 173.347             |
| Yxy                                 | 44.5781, 0.2410,<br>0.3854      |
| Android<br>(android.graphics.Color) | 4278765990<br>(0xFF08C9A6)      |
| YUV                                 | 139.3030, 13.1616,<br>-115.1527 |
| Hunter-Lab                          | 66.7668, -42.3327,<br>8.3639    |

# Details

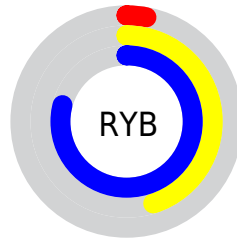
The Hex color **08C9A6** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C9082B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **68FFDD**, and **009272** is the 20% darker color. If you saturate the color by 10%, you get **00C9A5**, and if you desaturate by 10%, it is **1CC9AA**.

# Distribution



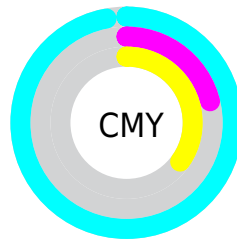
- Red (3%)
- Green (79%)
- Blue (65%)



- Red (3%)
- Yellow (45%)
- Blue (79%)



- Cyan (96%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (97%)
- Magenta (21%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08C9A6 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 08C9A6 by changing the saturation by 10% instead.



 08C9A6

 08C9A6

FFFFFF

 00AD8C

 68FFDD

 009272

 88FFFA

 00775A

 A7FFFF

 005E42

 C6FFFF

 00452C

 E5FFFF

 002E18

 001100

 000000

 08C9A6

 08C9A6

■ 00C9A5

■ 1CC9AA

■ 30C9AD

■ 44C9B1

■ 58C9B5

■ 6DC9B8

■ 81C9BC

■ 95C9C0

■ A9C9C3

■ BDC9C7

# Harmonies

## Analogous

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



73C479



08C9A6



00C9D5

# Triad

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



08C9A6



A6AAFF



F89B6A

# Complementary

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



08C9A6



C9082B

# 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.



FF8E90



08C9A6



E199E9

# Square

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



08C9A6



47BAFF



FF8DBE



D7AC55

# Rectangle

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



08C9A6



00C7F0



FF8DBE



FF9675

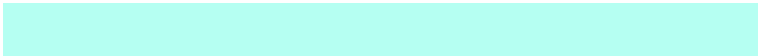


# Sweetspot

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



08C9A6



B5FFF2



2BC908



538077



000000



808080



# Same Dimension

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



08C9A6



00FFD1



088CC9



5A6362



00A386



00241D



# Inverse Universe

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



C9082B



FF002E



C94508



635A5B



A3001E

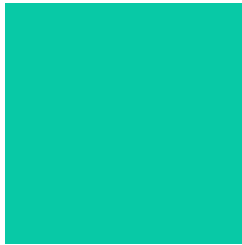


240006



# Previews

## White Background



This preview shows how the Hex color 08C9A6 looks on a white background.

## Color Contrast Check

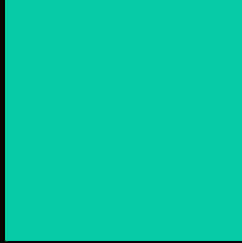
Large Text (above 18pt) WCAG AA × Fail

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 08C9A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

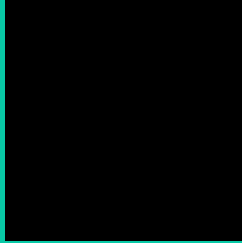
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

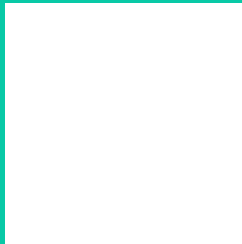
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 08C9A6 Background



This preview shows how black text looks on a background with the Hex color 08C9A6.



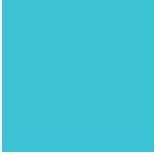
This preview shows how white text looks on a background with the Hex color 08C9A6.

# 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



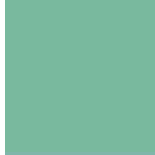


**Tritanopia**  
3BC3D3

# Trichromacy



**Original Color**  
08C9A6



**Protanomaly**  
79B99E



**Deuteranomaly**  
7FB6AA



**Tritanomaly**  
28C5C3

# Monochromacy



**Original Color**  
08C9A6



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
5BA295

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08C9A6 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 #08C9A6 looks like.

```
.text, #text, p{  
    color:#08C9A6  
}
```

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 #08C9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08C9A6
}
```

## Border

The CSS property to change the border of an element to Hex 08C9A6 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
#08C9A6 }
```

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

```
.border{ border-color:#08C9A6 }
```

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

Here you see how a box with a 4 pixel #08C9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08C9A6; -webkit-box-shadow:4px 4px  
4px 4px #08C9A6; box-shadow:4px 4px 4px  
4px #08C9A6 }
```

# Background

The CSS property to change the background color of an element to Hex 08C9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08C9A6 }
```

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

```
.background{ background-color:#08C9A6 }
```

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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