

# Converting Colors

Hex(07C4C4)

Have a look what the booklet for  
Hex(07C4C4) contains.

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**Color**

**Hex(07C4C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07C4C4
RGB	7, 196, 196
RGB Percent	3%, 77%, 77%
CMY	0.9725, 0.2314, 0.2314
CMYK	0.96, 0.00, 0.00, 0.23
HSL	180°, 93%, 40%
HSV	180°, 96%, 77%
XYZ	29.7914, 43.5105, 59.0528
YIQ	139.4890, -112.6440, -40.0680

# Conversions

## Conversions Part 2

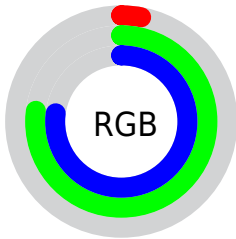
Format	Color
<b>RYB</b>	7, 102, 196
Decimal	509124
CIELab	71.90, -39.24, -11.55
CIELCh	72, 40.903, 196.401
Yxy	43.5105, 0.2251, 0.3287
Android (android.graphics.Color)	4278699204 (0xFF07C4C4)
YUV	139.4890, 27.8599, -116.1929
Hunter-Lab	65.9625, -34.8166, -6.9054

# Details

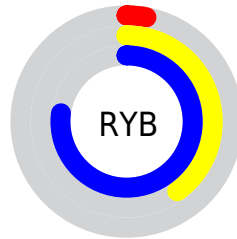
The Hex color **07C4C4** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C40707**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **69FDFD**, and **008D8E** is the 20% darker color. If you saturate the color by 10%, you get **00C4C4**, and if you desaturate by 10%, it is **1BC4C4**.

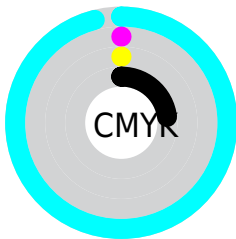
# Distribution



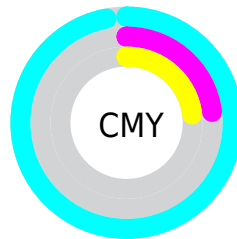
- Red (3%)
- Green (77%)
- Blue (77%)



- Red (3%)
- Yellow (40%)
- Blue (77%)



- Cyan (96%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (23%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07C4C4 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 07C4C4 by changing the saturation by 10% instead.



 07C4C4

 07C4C4

FFFFFF

 00A8A9

 69DFD

 008D8E

 8AFFFF

 007375

 AAFFFF

 005A5C

 C9FFFF

 004245

 E8FFFF

 002B2E

 000E1A

 000000

 07C4C4

 07C4C4

00C4C4

1BC4C4

2EC4C4

42C4C4

55C4C4

69C4C4

7DC4C4

90C4C4

A4C4C4

B7C4C4

# Harmonies

## Analogous

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



58C39D



07C4C4



00C1E5

# Triad

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



07C4C4



CE9FE4



D7A868

# Complementary

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



07C4C4



C40707

# 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.



F09B7C



07C4C4



EE95C3

# Square

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



07C4C4



9BADF8



F9939D



B4B467

# Rectangle

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



07C4C4



3DBC F4



F9939D



E1A46C



# Sweetspot

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



07C4C4



B5FFFF



07C407



538080



000000



808080



# Same Dimension

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



07C4C4



00FFFF



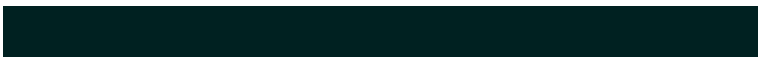
0766C4



576161



00A1A1



002121



# Inverse Universe

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



C407C4



FF00FF



C46607



615761



A100A1



210021



# Previews

## White Background



This preview shows how the Hex color 07C4C4 looks on a white background.

## Color Contrast Check

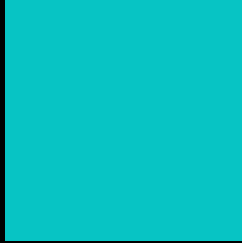
Large Text (above 18pt) WCAG AA × Fail

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 07C4C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

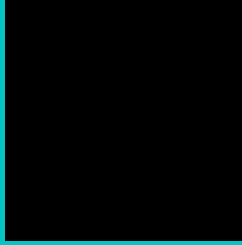
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

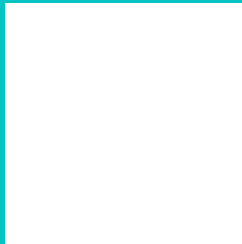
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 07C4C4 Background



This preview shows how black text looks on a background with the Hex color 07C4C4.



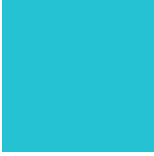
This preview shows how white text looks on a background with the Hex color 07C4C4.

# 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**  
24C2D2

# Trichromacy



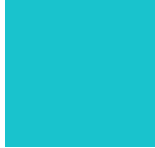
**Original Color**  
07C4C4



**Protanomaly**  
73B6BB



**Deuteranomaly**  
74B4C8



**Tritanomaly**  
19C3CD

# Monochromacy



**Original Color**  
07C4C4



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
5BA0A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07C4C4 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 #07C4C4 looks like.

```
.text, #text, p{  
    color:#07C4C4  
}
```

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 #07C4C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07C4C4
}
```

## Border

The CSS property to change the border of an element to Hex 07C4C4 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
#07C4C4 }
```

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

```
.border{ border-color:#07C4C4 }
```

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

Here you see how a box with a 4 pixel #07C4C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07C4C4; -webkit-box-shadow:4px 4px  
4px 4px #07C4C4; box-shadow:4px 4px 4px  
4px #07C4C4 }
```

# Background

The CSS property to change the background color of an element to Hex 07C4C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07C4C4 }
```

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

```
.background{ background-color:#07C4C4 }
```

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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