

# Converting Colors

Hex(0FC4C8)

Have a look what the booklet for  
Hex(0FC4C8) contains.

<b>Hex(0FC4C8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0FC4C8)

# Conversions

## Conversions Part 1

Format	Color
Hex	0FC4C8
RGB	15, 196, 200
RGB Percent	6%, 77%, 78%
CMY	0.9412, 0.2314, 0.2157
CMYK	0.92, 0.02, 0.00, 0.22
HSL	181°, 86%, 42%
HSV	181°, 92%, 78%
XYZ	30.3623, 43.7515, 61.4882
YIQ	142.3370, -109.1600, -37.1280

# Conversions

## Conversions Part 2

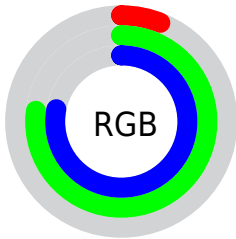
Format	Color
<a href="#">RYB</a>	15, 106, 200
Decimal	1033416
CIELab	72.06, -37.78, -13.48
CIELCh	72, 40.114, 199.639
Yxy	43.7515, 0.2239, 0.3226
Android (android.graphics.Color)	4279223496 (0xFF0FC4C8)
YUV	142.3370, 28.4279, -111.6745
Hunter-Lab	66.1450, -33.8175, -8.8144

# Details

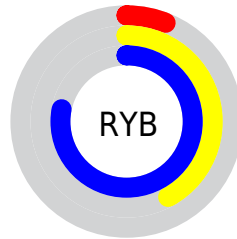
The Hex color **0FC4C8** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C8130F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6BFDFF**, and **008E92** is the 20% darker color. If you saturate the color by 10%, you get **00C4C8**, and if you desaturate by 10%, it is **23C4C8**.

# Distribution



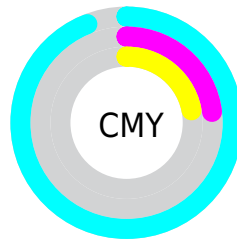
- Red (6%)
- Green (77%)
- Blue (78%)



- Red (6%)
- Yellow (42%)
- Blue (78%)



- Cyan (92%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (94%)
- Magenta (23%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FC4C8 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 0FC4C8 by changing the saturation by 10% instead.



 0FC4C8

 0FC4C8

FFFFFF

 00A8AD

 6BFDFD

 008E92

 8CFFFF

 007378

 ABFFFF

 005A60

 CAFFFF

 004248

 EAFFFF

 002B32

 000F1D

 000000

 0FC4C8

 0FC4C8

■ 00C4C8

■ 23C4C8

■ 37C5C8

■ 4BC5C8

■ 5FC6C8

■ 73C6C8

■ 87C7C8

■ 9BC7C8

■ AFC7C8

■ C3C8C8

# Harmonies

## Analogous

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



55C3A2



0FC4C8



10C0E7

# Triad

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



0FC4C8



D29EE0



D4AA68

# Complementary

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



0FC4C8



C8130F

# 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.



ED9D7A



0FC4C8



F095BF

# Square

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



0FC4C8



A2ACF5



F8959A



B0B66A

# Rectangle

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



0FC4C8



4BBBF5



F8959A



DEA66C



# Sweetspot

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



0FC4C8



B8FDFD



0FC812



547F80



000000



808080



# Same Dimension

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



0FC4C8



00F9FF



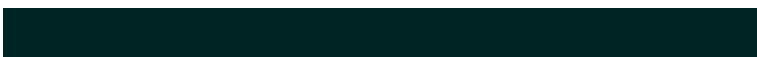
0F68C8



5A6363



00A0A3



002324



# Inverse Universe

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



C80FC4



FF00F9



C86F0F



635A63



A300A0

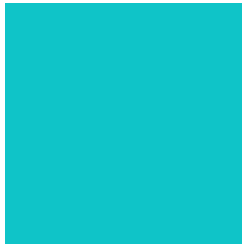


240023



# Previews

## White Background



This preview shows how the Hex color 0FC4C8 looks on a white background.

## Color Contrast Check

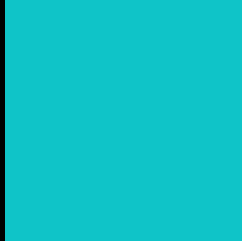
Large Text (above 18pt) WCAG AA × Fail

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 0FC4C8 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 0FC4C8 Background



This preview shows how black text looks on a background with the Hex color 0FC4C8.



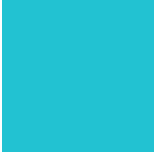
This preview shows how white text looks on a background with the Hex color 0FC4C8.

# 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





# Trichromacy



**Original Color**  
0FC4C8



**Protanomaly**  
75B6BF



**Deuteranomaly**  
77B4CC



**Tritanomaly**  
1BC3CE

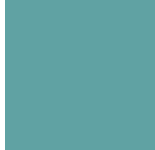
# Monochromacy



**Original Color**  
0FC4C8



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
60A2A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FC4C8 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 #0FC4C8 looks like.

```
.text, #text, p{  
    color:#0FC4C8  
}
```

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 #0FC4C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FC4C8
}
```

## Border

The CSS property to change the border of an element to Hex 0FC4C8 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
#0FC4C8 }
```

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

```
.border{ border-color:#0FC4C8 }
```

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

Here you see how a box with a 4 pixel #0FC4C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FC4C8; -webkit-box-shadow:4px 4px  
4px 4px #0FC4C8; box-shadow:4px 4px 4px  
4px #0FC4C8 }
```

# Background

The CSS property to change the background color of an element to Hex 0FC4C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FC4C8 }
```

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

```
.background{ background-color:#0FC4C8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor