

# Converting Colors

Hex(04C68F)

Have a look what the booklet for  
Hex(04C68F) contains.

<b>Hex(04C68F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(04C68F)

# Conversions

## Conversions Part 1

Format	Color
Hex	04C68F
RGB	4, 198, 143
RGB Percent	2%, 78%, 56%
CMY	0.9843, 0.2235, 0.4392
CMYK	0.98, 0.00, 0.28, 0.22
HSL	163°, 96%, 40%
HSV	163°, 98%, 78%
XYZ	25.2021, 42.3971, 32.8418
YIQ	133.7240, -97.9690, -58.2330

# Conversions

## Conversions Part 2

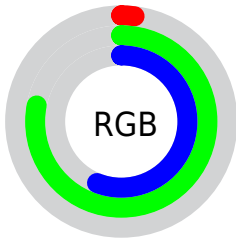
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 117, 198
Decimal	312975
CIELab	71.14, -54.40, 16.12
CIELCh	71, 56.738, 163.494
Yxy	42.3971, 0.2509, 0.4221
Android (android.graphics.Color)	4278503055 (0xFF04C68F)
YUV	133.7240, 4.5731, -113.7679
Hunter-Lab	65.1131, -44.8593, 15.6744

# Details

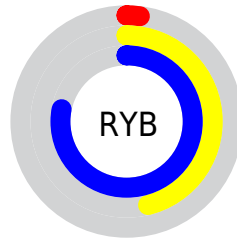
The Hex color **04C68F** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C6043B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FFC5**, and **008F5D** is the 20% darker color. If you saturate the color by 10%, you get **00C68E**, and if you desaturate by 10%, it is **18C695**.

# Distribution



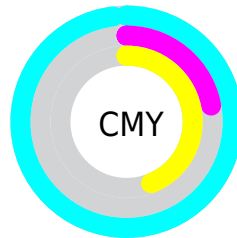
- Red (2%)
- Green (78%)
- Blue (56%)



- Red (2%)
- Yellow (46%)
- Blue (78%)



- Cyan (98%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04C68F 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 04C68F by changing the saturation by 10% instead.



 04C68F

 04C68F

FFFFFF

 00AA75

 65FFC5

 008F5D

 85FFE1

 007445

 A4FFFE

 005A2E

 C3FFFF

 004119

 E1FFFF

 002B00

 000800

 000000

 04C68F

 04C68F

■ 00C68E

■ 18C695

■ 2CC69A

■ 3FC6A0

■ 53C6A5

■ 67C6AB

■ 7BC6B1

■ 8FC6B6

■ A2C6BC

■ B6C6C2

# Harmonies

## Analogous

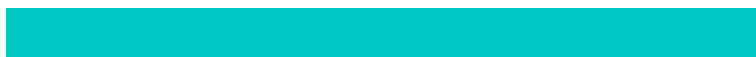
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7BBF60



04C68F



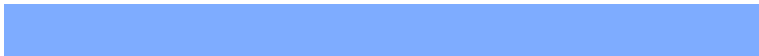
00C8C5

# Triad

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



04C68F



7EACFF



FF8E69

# Complementary

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



04C68F



C6043B

# 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.



FF8199



04C68F



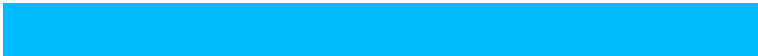
D097FA

# Square

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



04C68F



00BCFF



FE85CD



E3A148

# Rectangle

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



04C68F



00C7E6



FE85CD



FF8878

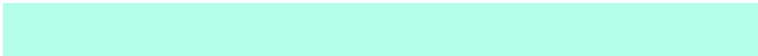


# Sweetspot

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



04C68F



B5FFEA



3EC604



538073



000000



808080



# Same Dimension

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



04C68F



00FFB7



049FC6



5A6361



00A375



00241A



# Inverse Universe

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



C6043B



FF0048



C62B04



635A5C



A3002E

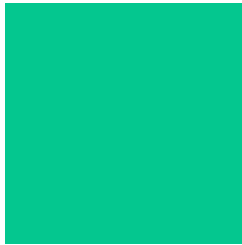


24000A



# Previews

## White Background



This preview shows how the Hex color 04C68F 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 04C68F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

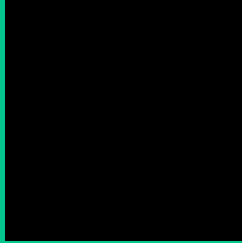
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 04C68F Background



This preview shows how black text looks on a background with the Hex color 04C68F.

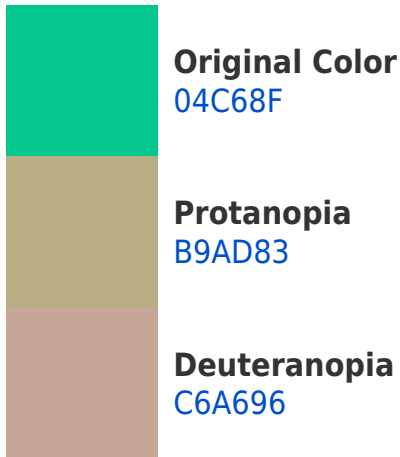


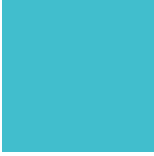
This preview shows how white text looks on a background with the Hex color 04C68F.

# 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**  
41BECD

# Trichromacy



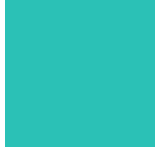
**Original Color**  
04C68F



**Protanomaly**  
77B687



**Deuteranomaly**  
7FB293



**Tritanomaly**  
2BC1B6

# Monochromacy



**Original Color**  
04C68F



**Achromatopsia**  
868686



**Achromatomaly**  
579D89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04C68F 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 #04C68F looks like.

```
.text, #text, p{  
  color:#04C68F  
}
```

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 #04C68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04C68F
}
```

## Border

The CSS property to change the border of an element to Hex 04C68F 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
#04C68F }
```

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

```
.border{ border-color:#04C68F }
```

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

Here you see how a box with a 4 pixel #04C68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04C68F; -webkit-box-shadow:4px 4px  
4px 4px #04C68F; box-shadow:4px 4px 4px  
4px #04C68F }
```

# Background

The CSS property to change the background color of an element to Hex 04C68F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04C68F }
```

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

```
.background{ background-color:#04C68F }
```

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