

# Converting Colors

Hex(00C69F)

Have a look what the booklet for  
Hex(00C69F) contains.

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**Color**

**Hex(00C69F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C69F
RGB	0, 198, 159
RGB Percent	0%, 78%, 62%
CMY	1.0000, 0.2235, 0.3765
CMYK	1.00, 0.00, 0.20, 0.22
HSL	168°, 100%, 39%
HSV	168°, 100%, 78%
XYZ	26.4521, 42.8914, 39.6856
YIQ	134.3520, -105.4890, -54.1050

# Conversions

## Conversions Part 2

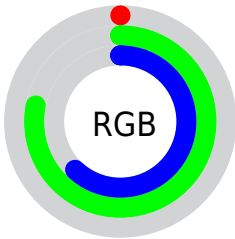
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 110, 198
Decimal	50847
CIELab	71.48, -50.63, 7.97
CIELCh	71, 51.252, 171.058
Yxy	42.8914, 0.2426, 0.3934
Android (android.graphics.Color)	4278240927 (0xFF00C69F)
YUV	134.3520, 12.1515, -117.8267
Hunter-Lab	65.4915, -42.5138, 9.9164

# Details

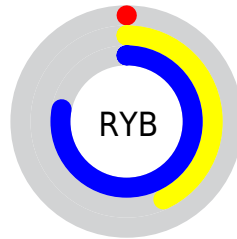
The Hex color **00C69F** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C60027**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FFD6**, and **008F6C** is the 20% darker color. If you saturate the color by 10%, you get **00C69F**, and if you desaturate by 10%, it is **14C6A3**.

# Distribution



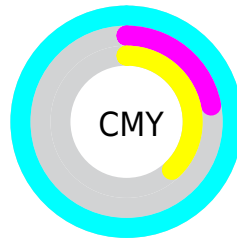
- Red (0%)
- Green (78%)
- Blue (62%)



- Red (0%)
- Yellow (43%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C69F 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 00C69F by changing the saturation by 10% instead.



 00C69F

 00C69F

FFFFFF

 00AA85

 65FFD6

 008F6C

 85FFF2

 007453

 A4FFFF

 005B3C

 C3FFFF

 004227

 E2FFFF

 002C12

 000A00

 000000

 00C69F

 14C6A3

 28C6A7

 3BC6AB

 4FC6AF

 63C6B3

 77C6B6

 8BC6BA

 9EC6BE

 B2C6C2

# Harmonies

## Analogous

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



73C172



00C69F



00C7CF

# Triad

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



00C69F



9CA8FF



F89668

# Complementary

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



00C69F



C60027

# 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.



FF8A90



00C69F



DB96EA

# Square

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



00C69F



2CB8FF



FF89BF



D7A851

# Rectangle

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



00C69F



00C4EB



FF89BF



FF9174

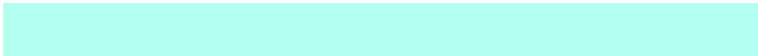


# Sweetspot

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



00C69F



B3FFF0



28C600



528076



000000



808080



# Same Dimension

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



00C69F



00FFCD



008BC6



5A6361



00A383



00241D



# Inverse Universe

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



C60027



FF0032



C63B00



635A5B



A30020

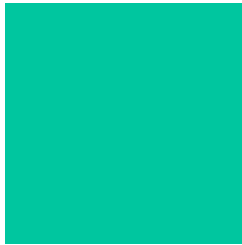


240007



# Previews

## White Background



This preview shows how the Hex color 00C69F 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 00C69F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

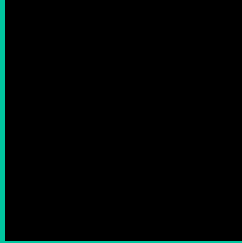
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00C69F Background



This preview shows how black text looks on a background with the Hex color 00C69F.

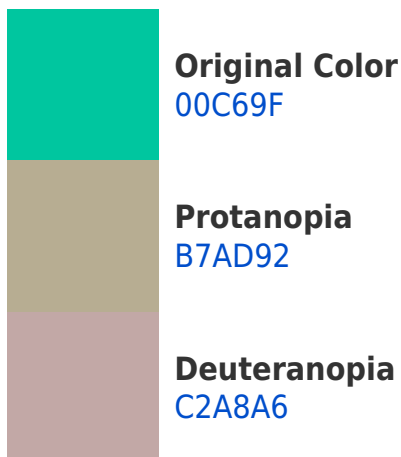


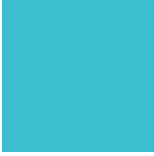
This preview shows how white text looks on a background with the Hex color 00C69F.

# 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**  
3BBFCF

# Trichromacy



**Original Color**  
00C69F



**Protanomaly**  
74B697



**Deuteranomaly**  
7BB3A3



**Tritanomaly**  
26C2BE

# Monochromacy



**Original Color**  
00C69F



**Achromatopsia**  
868686



**Achromatomaly**  
559D8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C69F 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 #00C69F looks like.

```
.text, #text, p{  
    color:#00C69F  
}
```

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 #00C69F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C69F
}
```

## Border

The CSS property to change the border of an element to Hex 00C69F 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
#00C69F }
```

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

```
.border{ border-color:#00C69F }
```

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

Here you see how a box with a 4 pixel #00C69F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C69F; -webkit-box-shadow:4px 4px  
4px 4px #00C69F; box-shadow:4px 4px 4px  
4px #00C69F }
```

# Background

The CSS property to change the background color of an element to Hex 00C69F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C69F }
```

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

```
.background{ background-color:#00C69F }
```

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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