

# Converting Colors

Hex(00CC97)

Have a look what the booklet for  
Hex(00CC97) contains.

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# **Color**

**Hex(00CC97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CC97
RGB	0, 204, 151
RGB Percent	0%, 80%, 59%
CMY	1.0000, 0.2000, 0.4078
CMYK	1.00, 0.00, 0.26, 0.20
HSL	164°, 100%, 40%
HSV	164°, 100%, 80%
XYZ	27.1788, 45.4201, 36.6126
YIQ	136.9620, -104.5710, -59.7310

# Conversions

## Conversions Part 2

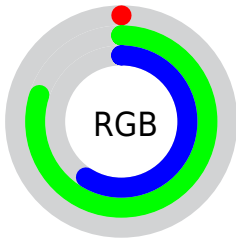
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 117, 204
Decimal	52375
CIELab	73.17, -54.94, 14.66
CIELCh	73, 56.858, 165.058
Yxy	45.4201, 0.2489, 0.4159
Android (android.graphics.Color)	4278242455 (0xFF00CC97)
YUV	136.9620, 6.9207, -120.1157
Hunter-Lab	67.3944, -45.9549, 14.9663

# Details

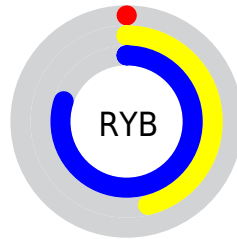
The Hex color **00CC97** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CC0035**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **66FFCD**, and **009464** is the 20% darker color. If you saturate the color by 10%, you get **00CC97**, and if you desaturate by 10%, it is **14CC9C**.

# Distribution



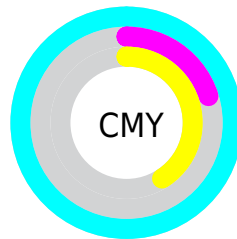
- Red (0%)
- Green (80%)
- Blue (59%)



- Red (0%)
- Yellow (46%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00CC97 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 00CC97 by changing the saturation by 10% instead.



 00CC97

 00CC97

FFFFFF

 00B07D

 66FFCD

 009464

 87FFEA

 007A4C

 A6FFFF

 006035

 C5FFFF

 00471F

 E4FFFF

 003009

 001300

 000000

 00CC97

 14CC9C

 29CCA2

 3DCCA7

 52CCAC

 66CCB2

 7ACCB7

 8FCCBC

 A3CCC1

 B8CCC7

# Harmonies

## Analogous

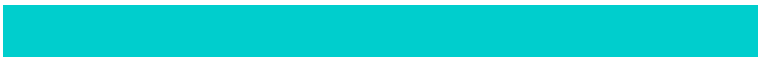
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7DC567



00CC97



00CECD

# Triad

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



00CC97



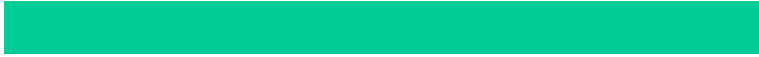
89B0FF



FF946C

# Complementary

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



00CC97



CC0035

# 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.



FF879B



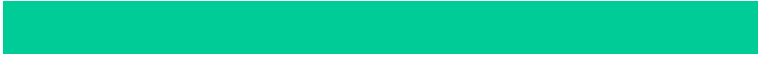
00CC97



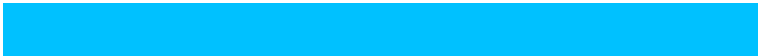
D99BFE

# Square

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



00CC97



00C1FF



FF8AD0



E7A84C

# Rectangle

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



00CC97



00CCEE



FF8AD0



FF8F7B

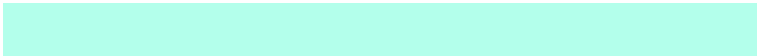


# Sweetspot

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



00CC97



B3FFEB



36CC00



528074



000000



808080



# Same Dimension

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



00CC97



00FFBD



009CCC



5C6663



00A67B



00261C



# Inverse Universe

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



CC0035



FF0042



CC3000



665C5E



A6002B

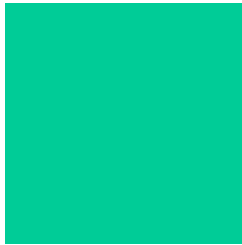


26000A



# Previews

## White Background



This preview shows how the Hex color 00CC97 looks on a white background.

## Color Contrast Check

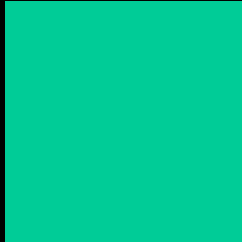
Large Text (above 18pt) WCAG AA × Fail

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 00CC97 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 00CC97 Background



This preview shows how black text looks on a background with the Hex color 00CC97.



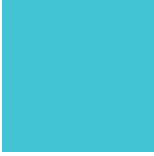
This preview shows how white text looks on a background with the Hex color 00CC97.

# 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**  
42C4D4

# Trichromacy



**Original Color**  
00CC97



**Protanomaly**  
79BB8F



**Deuteranomaly**  
81B89B



**Tritanomaly**  
2AC7BE

# Monochromacy



**Original Color**  
00CC97



**Achromatopsia**  
898989



**Achromatomaly**  
57A18E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00CC97 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 #00CC97 looks like.

```
.text, #text, p{  
    color:#00CC97  
}
```

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 #00CC97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC97
}
```

## Border

The CSS property to change the border of an element to Hex 00CC97 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
#00CC97 }
```

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

```
.border{ border-color:#00CC97 }
```

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

Here you see how a box with a 4 pixel #00CC97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC97; -webkit-box-shadow:4px 4px  
4px 4px #00CC97; box-shadow:4px 4px 4px  
4px #00CC97 }
```

# Background

The CSS property to change the background color of an element to Hex 00CC97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC97 }
```

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

```
.background{ background-color:#00CC97 }
```

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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