

# Converting Colors

Hex(00CCAC)

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

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**Color**

**Hex(00CCAC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CCAC
RGB	0, 204, 172
RGB Percent	0%, 80%, 67%
CMY	1.0000, 0.2000, 0.3255
CMYK	1.00, 0.00, 0.16, 0.20
HSL	171°, 100%, 40%
HSV	171°, 100%, 80%
XYZ	29.0393, 46.1643, 46.4098
YIQ	139.3560, -111.3120, -53.2000

# Conversions

## Conversions Part 2

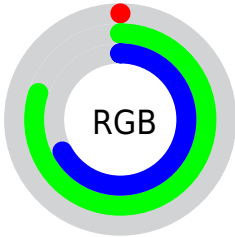
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 111, 204
Decimal	52396
CIELab	73.65, -49.67, 4.06
CIELCh	74, 49.838, 175.330
Yxy	46.1643, 0.2388, 0.3796
Android (android.graphics.Color)	4278242476 (0xFF00CCAC)
YUV	139.3560, 16.0935, -122.2152
Hunter-Lab	67.9443, -42.6120, 7.0626

# Details

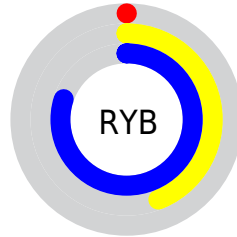
The Hex color **00CCAC** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **CC0020**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **67FFE3**, and **009578** is the 20% darker color. If you saturate the color by 10%, you get **00CCAC**, and if you desaturate by 10%, it is **14CCAF**.

# Distribution



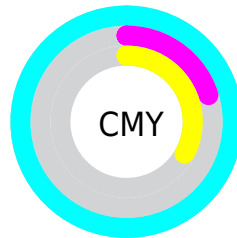
- Red (0%)
- Green (80%)
- Blue (67%)



- Red (0%)
- Yellow (44%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



 00CCAC

 00CCAC

FFFFFF

 00B091

 67FFE3

 009578

 88FFFF

 007A5F

 A7FFFF

 006047

 C7FFFF

 004731

 E6FFFF

 00301C

 001503

 000000

 00CCAC

 14CCAF

 29CCB2

 3DCCB6

 52CCB9

 66CCBC

 7ACCBF

 8FCCC2

 A3CCC6

 B8CCC9

# Harmonies

## Analogous

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



72C77F



00CCAC



00CCDB

# Triad

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



00CCAC



AEACFF



F99F6B

# Complementary

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



00CCAC



CC0020

# 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.



FF9290



00CCAC



E79AEA

# Square

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



00CCAC



55BCFF



FF90BE



D7B058

# Rectangle

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



00CCAC



00C9F5



FF90BE



FF9A76

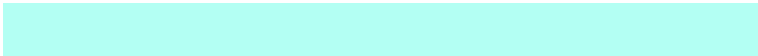


# Sweetspot

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



00CCAC



B3FFF3



22CC00



528078



000000



808080



# Same Dimension

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



00CCAC



00FFD7



0088CC



5C6664



00A68C



002620



# Inverse Universe

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



CC0020



FF0028



CC4400



665C5D



A6001A

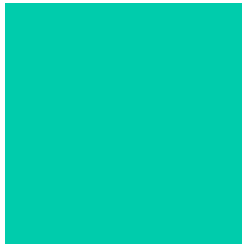


260006



# Previews

## White Background



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

## Color Contrast Check

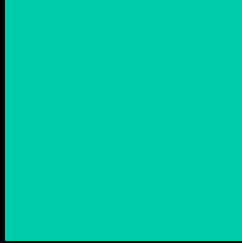
Large Text (above 18pt) WCAG AA × Fail

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 00CCAC 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

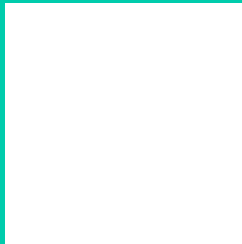
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00CCAC Background



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



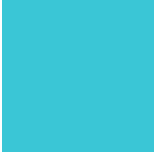
This preview shows how white text looks on a background with the Hex color 00CCAC.

# 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**  
3AC6D6

# Trichromacy



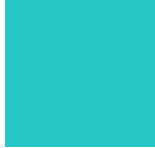
**Original Color**  
00CCAC



**Protanomaly**  
78BCA4



**Deuteranomaly**  
7DB9B0



**Tritanomaly**  
25C8C7

# Monochromacy



**Original Color**  
00CCAC



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
58A397

# CSS Examples

## Text

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

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

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 #00CCAC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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