

Converting Colors

Hex(00CFA9)

Have a look what the booklet for
Hex(00CFA9) contains.

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Color

Hex(00CFA9)

Conversions

Conversions Part 1

Format	Color
Hex	00CFA9
RGB	0, 207, 169
RGB Percent	0%, 81%, 66%
CMY	1.0000, 0.1882, 0.3373
CMYK	1.00, 0.00, 0.18, 0.19
HSL	169°, 100%, 41%
HSV	169°, 100%, 81%
XYZ	29.4743, 47.4902, 45.1492
YIQ	140.7750, -111.1740, -55.7020

Conversions

Conversions Part 2

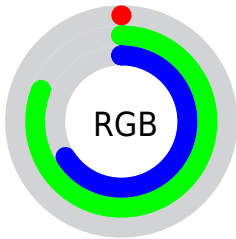
Format	Color
RYB	0, 114, 207
Decimal	53161
CIELab	74.50, -51.66, 6.90
CIELCh	75, 52.122, 172.394
Yxy	47.4902, 0.2414, 0.3889
Android (android.graphics.Color)	4278243241 (0xFF00CFA9)
YUV	140.7750, 13.9149, -123.4597
Hunter-Lab	68.9131, -44.2533, 9.3947

Details

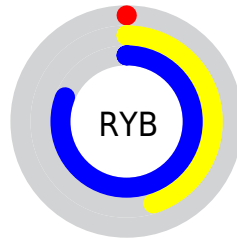
The Hex color **00CFA9** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CF0026**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **68FFE0**, and **009775** is the 20% darker color. If you saturate the color by 10%, you get **00CFA9**, and if you desaturate by 10%, it is **15CFAD**.

Distribution



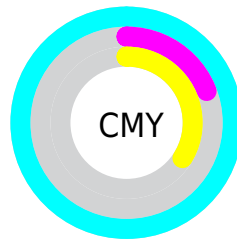
- Red (0%)
- Green (81%)
- Blue (66%)



- Red (0%)
- Yellow (45%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CFA9 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 00CFA9 by changing the saturation by 10% instead.

 00CFA9

 00CFA9

FFFFFF

 00B38F

 68FFE0

 009775

 89FFFD

 007D5C

 A8FFFF

 006345

 C7FFFF

 004A2F

 E6FFFF

 00321A

 001800

 000000

 00CFA9

 15CFAD

 29CFB1

 3ECFB4

 53CFB8

 68CFBC

 7CCFC0

 91CFC4

 A6CFC7

 BACFCB

Harmonies

Analogous

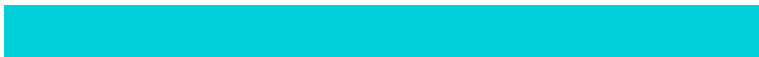
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77CA7B



00CFA9



00CFDA

Triad

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



00CFA9



A8AFFF



FF9F6D

Complementary

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



00CFA9



CF0026

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.



FF9195



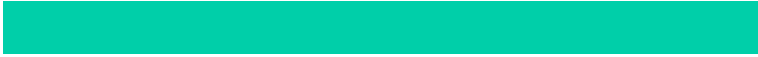
00CFA9



E79DF2

Square

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



00CFA9



3EC0FF



FF90C6



DFB056

Rectangle

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



00CFA9



00CDF7



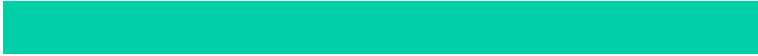
FF90C6



FF9979

Sweetspot

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



00CFA9



B3FFF1



29CF00



528077



000000



808080

Same Dimension

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



00CFA9



00FFD0



0091CF



5E6967



00A889



002921

Inverse Universe

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



CF0026



FF002F



CF3E00



695E60



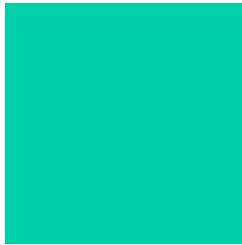
A8001F



290007

Previews

White Background



This preview shows how the Hex color 00CFA9 looks on a white background.

Color Contrast Check

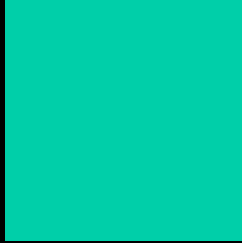
Large Text (above 18pt) WCAG AA × Fail

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 00CFA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

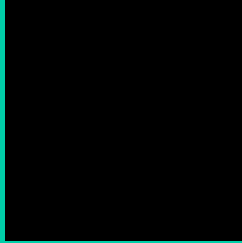
Any Text WCAG AA ✓ Pass

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 00CFA9 Background



This preview shows how black text looks on a background with the Hex color 00CFA9.

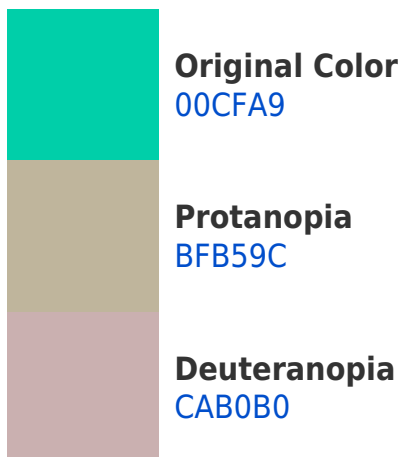


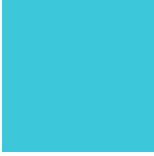
This preview shows how white text looks on a background with the Hex color 00CFA9.

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
3DC8D9

Trichromacy



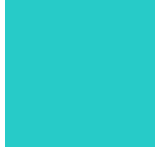
Original Color
00CFA9



Protanomaly
7ABEA1

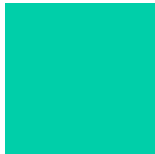


Deuteranomaly
81BBAD



Tritanomaly
27CBC8

Monochromacy



Original Color
00CFA9



Achromatopsia
8D8D8D



Achromatomaly
5AA597

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CFA9 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 #00CFA9 looks like.

```
.text, #text, p{  
    color:#00CFA9  
}
```

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 #00CFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CFA9
}
```

Border

The CSS property to change the border of an element to Hex 00CFA9 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
#00CFA9 }
```

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

```
.border{ border-color:#00CFA9 }
```

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

Here you see how a box with a 4 pixel #00CFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CFA9; -webkit-box-shadow:4px 4px  
4px 4px #00CFA9; box-shadow:4px 4px 4px  
4px #00CFA9 }
```

Background

The CSS property to change the background color of an element to Hex 00CFA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CFA9 }
```

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

```
.background{ background-color:#00CFA9 }
```

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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