

Converting Colors

Hex(00C4A9)

Have a look what the booklet for
Hex(00C4A9) contains.

Hex(00C4A9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00C4A9)

Conversions

Conversions Part 1

Format	Color
Hex	00C4A9
RGB	0, 196, 169
RGB Percent	0%, 77%, 66%
CMY	1.0000, 0.2314, 0.3373
CMYK	1.00, 0.00, 0.14, 0.23
HSL	172°, 100%, 38%
HSV	172°, 100%, 77%
XYZ	26.9014, 42.3444, 44.2916
YIQ	134.3180, -108.1490, -49.9490

Conversions

Conversions Part 2

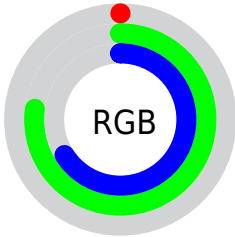
Format	Color
RYB	0, 105, 196
Decimal	50345
CIELab	71.11, -47.18, 2.00
CIELCh	71, 47.223, 177.577
Yxy	42.3444, 0.2369, 0.3730
Android (android.graphics.Color)	4278240425 (0xFF00C4A9)
YUV	134.3180, 17.0982, -117.7969
Hunter-Lab	65.0726, -40.0842, 5.1952

Details

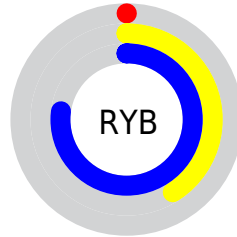
The Hex color **00C4A9** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C4001B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FDE0**, and **008D75** is the 20% darker color. If you saturate the color by 10%, you get **00C4A9**, and if you desaturate by 10%, it is **14C4AC**.

Distribution



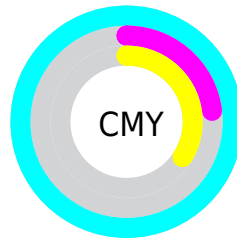
- Red (0%)
- Green (77%)
- Blue (66%)



- Red (0%)
- Yellow (41%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C4A9 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 00C4A9 by changing the saturation by 10% instead.

 00C4A9

 00C4A9

FFFFFF

 00A88F


 65FDE0

 008D75

 86FFFD

 00735C

 A5FFFF

 005945

 C4FFFF

 00412F

 E3FFFF

 002B1A

 000800

 000000

 00C4A9

 14C4AC

 27C4AE

 3BC4B1

 4EC4B4

 62C4B7

 76C4B9

 89C4BC

 9DC4BF

 B0C4C1

Harmonies

Analogous

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



6BC07E



00C4A9



00C4D5

Triad

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



00C4A9



ACA4FA



ED9B66

Complementary

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



00C4A9



C4001B

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.



FF8E89



00C4A9



E094DD

Square

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



00C4A9



5EB4FF



FC8BB3



CBA A56

Rectangle

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



00C4A9



00C1EC



FC8BB3



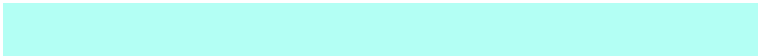
F59670

Sweetspot

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



00C4A9



B3FFF4



1DC400



528079



000000



808080

Same Dimension

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



00C4A9



00FFDC



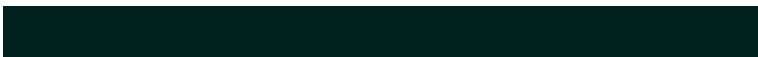
007FC4



576160



00A18B



00211D

Inverse Universe

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



C4001B



FF0023



C44500



615759



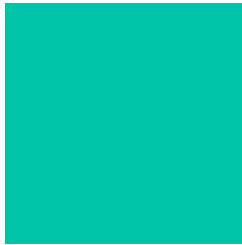
A10016



210005

Previews

White Background



This preview shows how the Hex color 00C4A9 looks on a white background.

Color Contrast Check

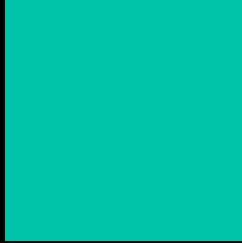
Large Text (above 18pt) WCAG AA × Fail

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 00C4A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

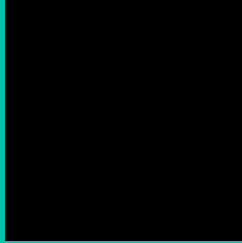
Any Text WCAG AA ✓ Pass

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 00C4A9 Background



This preview shows how black text looks on a background with the Hex color 00C4A9.

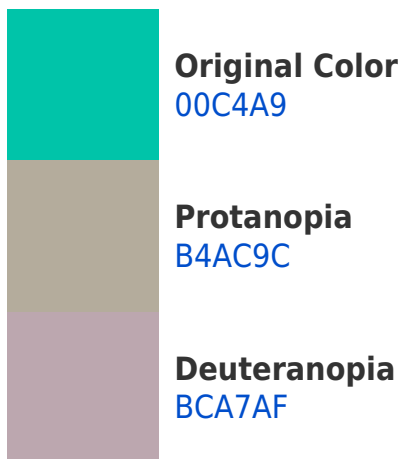


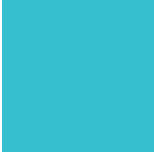
This preview shows how white text looks on a background with the Hex color 00C4A9.

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
36BFCE

Trichromacy



Original Color
00C4A9



Protanomaly
73B5A1



Deuteranomaly
78B2AD



Tritanomaly
22C1C1

Monochromacy



Original Color
00C4A9



Achromatopsia
868686



Achromatomaly
559D93

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C4A9 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 #00C4A9 looks like.

```
.text, #text, p{  
    color:#00C4A9  
}
```

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 #00C4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C4A9
}
```

Border

The CSS property to change the border of an element to Hex 00C4A9 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
#00C4A9 }
```

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

```
.border{ border-color:#00C4A9 }
```

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

Here you see how a box with a 4 pixel #00C4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C4A9; -webkit-box-shadow:4px 4px  
4px 4px #00C4A9; box-shadow:4px 4px 4px  
4px #00C4A9 }
```

Background

The CSS property to change the background color of an element to Hex 00C4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C4A9 }
```

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

```
.background{ background-color:#00C4A9 }
```

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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