

Converting Colors

Hex(00C9A5)

Have a look what the booklet for
Hex(00C9A5) contains.

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Color

Hex(00C9A5)

Conversions

Conversions Part 1

Format	Color
Hex	00C9A5
RGB	0, 201, 165
RGB Percent	0%, 79%, 65%
CMY	1.0000, 0.2118, 0.3529
CMYK	1.00, 0.00, 0.18, 0.21
HSL	169°, 100%, 39%
HSV	169°, 100%, 79%
XYZ	27.6782, 44.4899, 42.7259
YIQ	136.7970, -108.2400, -53.8080

Conversions

Conversions Part 2

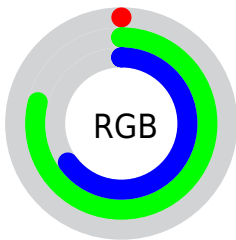
Format	Color
RYB	0, 110, 201
Decimal	51621
CIELab	72.55, -50.29, 6.26
CIELCh	73, 50.676, 172.906
Yxy	44.4899, 0.2409, 0.3872
Android (android.graphics.Color)	4278241701 (0xFF00C9A5)
YUV	136.7970, 13.9041, -119.9710
Hunter-Lab	66.7008, -42.6559, 8.7116

Details

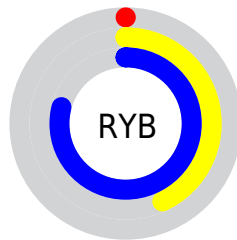
The Hex color **00C9A5** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C90024**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **66FFDC**, and **009271** is the 20% darker color. If you saturate the color by 10%, you get **00C9A5**, and if you desaturate by 10%, it is **14C9A9**.

Distribution



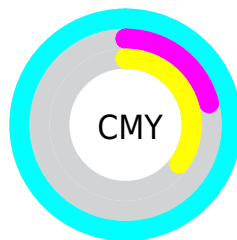
- Red (0%)
- Green (79%)
- Blue (65%)



- Red (0%)
- Yellow (43%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C9A5 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 00C9A5 by changing the saturation by 10% instead.

 00C9A5

 00C9A5

FFFFFF

 00AD8B

 66FFDC

 009271

 87FFF8

 007759

 A6FFFF

 005D41

 C5FFFF

 00442B

 E4FFFF

 002E17

 001000

 000000

 00C9A5

 14C9A9

 28C9AC

 3CC9B0

 50C9B3

 65C9B7

 79C9BB

 8DC9BE

 A1C9C2

 B5C9C5

Harmonies

Analogous

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



73C478



00C9A5



00C9D5

Triad

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



00C9A5



A4AAFF



F99B69

Complementary

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



00C9A5



C90024

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.



FF8E90



00C9A5



E198EA

Square

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



00C9A5



41BAFF



FF8CBF



D7AC54

Rectangle

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



00C9A5



00C7F0



FF8CBF



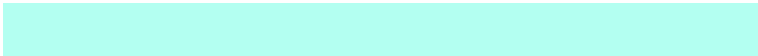
FF9575

Sweetspot

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



00C9A5



B3FFF1



25C900



528077



000000



808080

Same Dimension

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



00C9A5



00FFD1



0089C9



5A6362



00A386



00241D

Inverse Universe

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



C90024



FF002E



C94000



635A5B



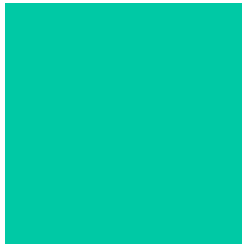
A3001D



240006

Previews

White Background



This preview shows how the Hex color 00C9A5 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 00C9A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

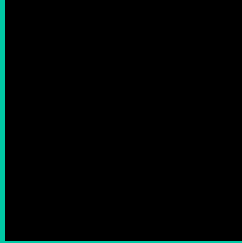
Any Text WCAG AA ✓ Pass

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 00C9A5 Background



This preview shows how black text looks on a background with the Hex color 00C9A5.



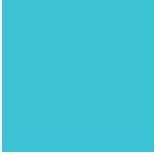
This preview shows how white text looks on a background with the Hex color 00C9A5.

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
3BC3D3

Trichromacy



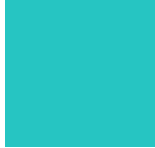
Original Color
00C9A5



Protanomaly
76B99D

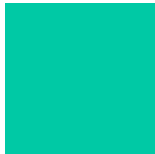


Deuteranomaly
7CB6A9



Tritanomaly
26C5C2

Monochromacy



Original Color
00C9A5



Achromatopsia
898989



Achromatomaly
57A093

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C9A5 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 #00C9A5 looks like.

```
.text, #text, p{  
    color:#00C9A5  
}
```

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 #00C9A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C9A5
}
```

Border

The CSS property to change the border of an element to Hex 00C9A5 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
#00C9A5 }
```

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

```
.border{ border-color:#00C9A5 }
```

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

Here you see how a box with a 4 pixel #00C9A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C9A5; -webkit-box-shadow:4px 4px  
4px 4px #00C9A5; box-shadow:4px 4px 4px  
4px #00C9A5 }
```

Background

The CSS property to change the background color of an element to Hex 00C9A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C9A5 }
```

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

```
.background{ background-color:#00C9A5 }
```

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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