

Converting Colors

Hex(00C5A1)

Have a look what the booklet for
Hex(00C5A1) contains.

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Color

Hex(00C5A1)

Conversions

Conversions Part 1

Format	Color
Hex	00C5A1
RGB	0, 197, 161
RGB Percent	0%, 77%, 63%
CMY	1.0000, 0.2275, 0.3686
CMYK	1.00, 0.00, 0.18, 0.23
HSL	169°, 100%, 39%
HSV	169°, 100%, 77%
XYZ	26.3993, 42.5057, 40.5313
YIQ	133.9930, -105.8560, -52.9600

Conversions

Conversions Part 2

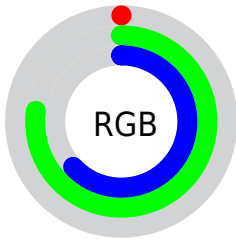
Format	Color
RYB	0, 108, 197
Decimal	50593
CIELab	71.22, -49.71, 6.51
CIELCh	71, 50.136, 172.545
Yxy	42.5057, 0.2412, 0.3884
Android (android.graphics.Color)	4278240673 (0xFF00C5A1)
YUV	133.9930, 13.3145, -117.5119
Hunter-Lab	65.1964, -41.8156, 8.7781

Details

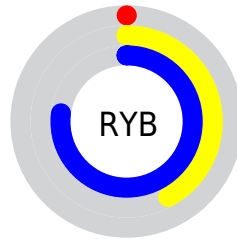
The Hex color **00C5A1** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C50024**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FFD8**, and **008E6E** is the 20% darker color. If you saturate the color by 10%, you get **00C5A1**, and if you desaturate by 10%, it is **14C5A5**.

Distribution



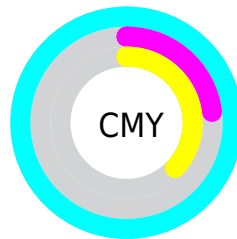
- Red (0%)
- Green (77%)
- Blue (63%)



- Red (0%)
- Yellow (42%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C5A1 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 00C5A1 by changing the saturation by 10% instead.

 00C5A1

 00C5A1

FFFFFF

 00A987

 65FFD8

 008E6E

 85FFF4

 007455

 A4FFFF

 005A3E

 C3FFFF

 004128

 E2FFFF

 002B14

 000800

 000000

 00C5A1

 14C5A5

 27C5A8

 3BC5AC

 4FC5AF

 63C5B3

 76C5B7

 8AC5BA

 9EC5BE

 B1C5C1

Harmonies

Analogous

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



71C075



00C5A1



00C5D0

Triad

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



00C5A1



A0A7FF



F59767

Complementary

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



00C5A1



C50024

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.



FF8A8E



00C5A1



DC95E6

Square

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



00C5A1



3CB7FF



FD89BC



D4A852

Rectangle

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



00C5A1



00C3EB



FD89BC



FC9273

Sweetspot

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



00C5A1



B3FFF1



24C500



528077



000000



808080

Same Dimension

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



00C5A1



00FFD0



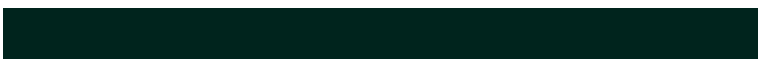
0087C5



5A6362



00A385



00241D

Inverse Universe

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



C50024



FF002F



C53E00



635A5B



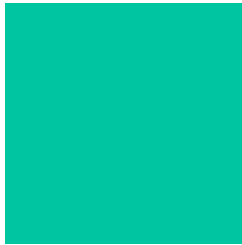
A3001E



240007

Previews

White Background



This preview shows how the Hex color 00C5A1 looks on a white background.

Color Contrast Check

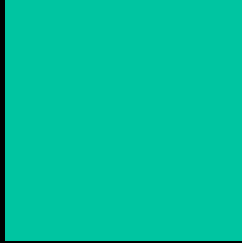
Large Text (above 18pt) WCAG AA × Fail

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 00C5A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

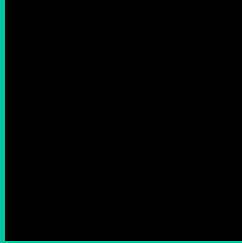
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

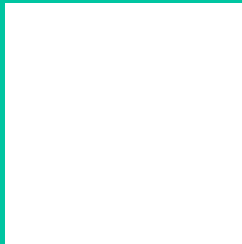
Any Text WCAG AAA ✓ Pass

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

Hex 00C5A1 Background



This preview shows how black text looks on a background with the Hex color 00C5A1.

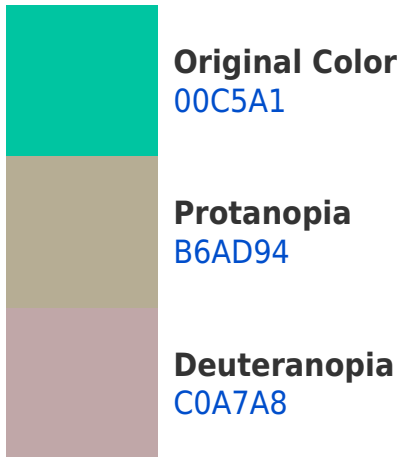


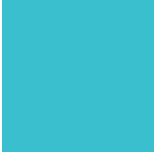
This preview shows how white text looks on a background with the Hex color 00C5A1.

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





Trichromacy



Original Color
00C5A1



Protanomaly
74B699



Deuteranomaly
7AB2A5



Tritanomaly
25C1BE

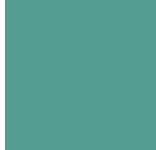
Monochromacy



Original Color
00C5A1



Achromatopsia
868686



Achromatomaly
559D90

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C5A1 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 #00C5A1 looks like.

```
.text, #text, p{  
    color:#00C5A1  
}
```

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 #00C5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C5A1
}
```

Border

The CSS property to change the border of an element to Hex 00C5A1 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
#00C5A1 }
```

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

```
.border{ border-color:#00C5A1 }
```

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

Here you see how a box with a 4 pixel #00C5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C5A1; -webkit-box-shadow:4px 4px  
4px 4px #00C5A1; box-shadow:4px 4px 4px  
4px #00C5A1 }
```

Background

The CSS property to change the background color of an element to Hex 00C5A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C5A1 }
```

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

```
.background{ background-color:#00C5A1 }
```

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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