

Converting Colors

Hex(00C5A3)

Have a look what the booklet for
Hex(00C5A3) contains.

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Color

Hex(00C5A3)

Conversions

Conversions Part 1

Format	Color
Hex	00C5A3
RGB	0, 197, 163
RGB Percent	0%, 77%, 64%
CMY	1.0000, 0.2275, 0.3608
CMYK	1.00, 0.00, 0.17, 0.23
HSL	170°, 100%, 39%
HSV	170°, 100%, 77%
XYZ	26.5771, 42.5768, 41.4677
YIQ	134.2210, -106.4980, -52.3380

Conversions

Conversions Part 2

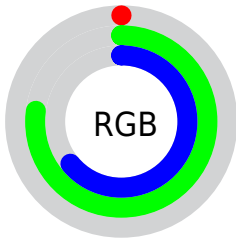
Format	Color
RYB	0, 108, 197
Decimal	50595
CIELab	71.27, -49.19, 5.49
CIELCh	71, 49.497, 173.633
Yxy	42.5768, 0.2403, 0.3849
Android (android.graphics.Color)	4278240675 (0xFF00C5A3)
YUV	134.2210, 14.1880, -117.7118
Hunter-Lab	65.2509, -41.4850, 7.9962

Details

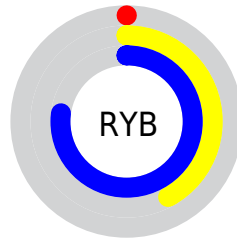
The Hex color **00C5A3** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C50022**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **65FFDA**, and **008E6F** is the 20% darker color. If you saturate the color by 10%, you get **00C5A3**, and if you desaturate by 10%, it is **14C5A6**.

Distribution



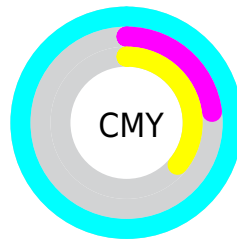
- Red (0%)
- Green (77%)
- Blue (64%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C5A3 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 00C5A3 by changing the saturation by 10% instead.


 00C5A3

 00C5A3

FFFFFF

 00A989

 65FFDA

 008E6F

 85FFF6

 007457

 A5FFFF

 005A40

 C3FFFF

 00412A

 E2FFFF

 002C15

 000900

 000000

 00C5A3

 14C5A6

 27C5AA

 3BC5AD

 4FC5B1

 63C5B4

 76C5B7

 8AC5BB

 9EC5BE

 B1C5C2

Harmonies

Analogous

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



70C077



00C5A3



00C5D1

Triad

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



00C5A3



A3A6FF



F39867

Complementary

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



00C5A3



C50022

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.



FF8B8D



00C5A3



DD95E5

Square

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



00C5A3



45B6FF



FD8ABA



D2A953

Rectangle

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



00C5A3



00C3EC



FD8ABA



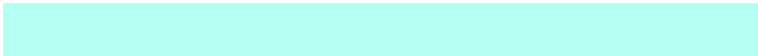
FB9372

Sweetspot

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



00C5A3



B3FFF2



24C500



528078



000000



808080

Same Dimension

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



00C5A3



00FFD3



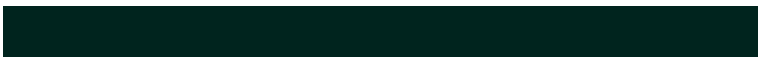
0087C5



5A6362



00A387



00241E

Inverse Universe

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



C50022



FF002C



C53E00



635A5B



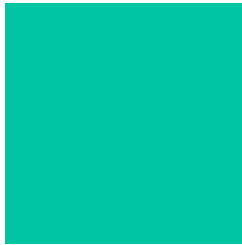
A3001C



240006

Previews

White Background



This preview shows how the Hex color 00C5A3 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 00C5A3 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 00C5A3 Background



This preview shows how black text looks on a background with the Hex color 00C5A3.

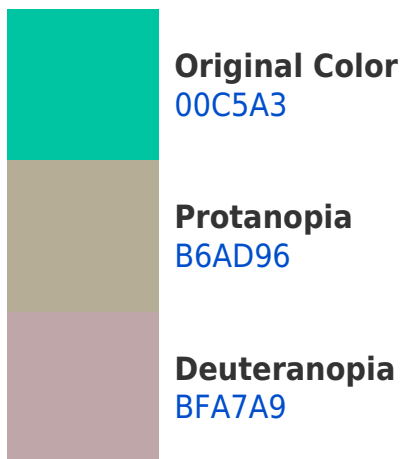


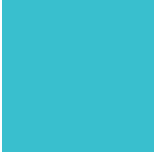
This preview shows how white text looks on a background with the Hex color 00C5A3.

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
39BFCE

Trichromacy



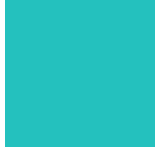
Original Color
00C5A3



Protanomaly
74B69B



Deuteranomaly
7AB2A7



Tritanomaly
24C1BE

Monochromacy



Original Color
00C5A3



Achromatopsia
868686



Achromatomaly
559D91

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C5A3 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 #00C5A3 looks like.

```
.text, #text, p{  
    color:#00C5A3  
}
```

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 #00C5A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C5A3
}
```

Border

The CSS property to change the border of an element to Hex 00C5A3 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
#00C5A3 }
```

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

```
.border{ border-color:#00C5A3 }
```

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

Here you see how a box with a 4 pixel #00C5A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C5A3; -webkit-box-shadow:4px 4px  
4px 4px #00C5A3; box-shadow:4px 4px 4px  
4px #00C5A3 }
```

Background

The CSS property to change the background color of an element to Hex 00C5A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C5A3 }
```

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

```
.background{ background-color:#00C5A3 }
```

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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