

Converting Colors

Hex(00C4AE)

Have a look what the booklet for
Hex(00C4AE) contains.

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Color

Hex(00C4AE)

Conversions

Conversions Part 1

Format	Color
Hex	00C4AE
RGB	0, 196, 174
RGB Percent	0%, 77%, 68%
CMY	1.0000, 0.2314, 0.3176
CMYK	1.00, 0.00, 0.11, 0.23
HSL	173°, 100%, 38%
HSV	173°, 100%, 77%
XYZ	27.3799, 42.5358, 46.8116
YIQ	134.8880, -109.7540, -48.3940

Conversions

Conversions Part 2

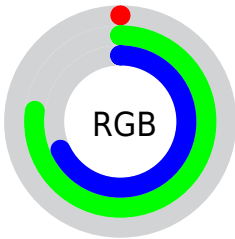
Format	Color
RYB	0, 104, 196
Decimal	50350
CIELab	71.24, -45.81, -0.54
CIELCh	71, 45.814, 180.671
Yxy	42.5358, 0.2346, 0.3644
Android (android.graphics.Color)	4278240430 (0xFF00C4AE)
YUV	134.8880, 19.2822, -118.2968
Hunter-Lab	65.2195, -39.1978, 3.0980

Details

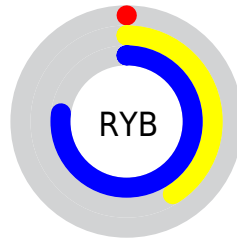
The Hex color **00C4AE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C40016**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **66FDE5**, and **008D7A** is the 20% darker color. If you saturate the color by 10%, you get **00C4AE**, and if you desaturate by 10%, it is **14C4B0**.

Distribution



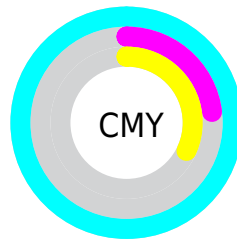
- Red (0%)
- Green (77%)
- Blue (68%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C4AE 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 00C4AE by changing the saturation by 10% instead.

 00C4AE

 00C4AE

FFFFFF

 00A893

 66FDE5

 008D7A

 86FFFF

 007361

 A5FFFF

 005949

 C4FFFF

 004133

 E3FFFF

 002B1E

 000906

 000000

 00C4AE

 14C4B0

 27C4B2

 3BC4B5

 4EC4B7

 62C4B9

 76C4BB

 89C4BD

 9DC4C0

 B0C4C2

Harmonies

Analogous

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



68C084



00C4AE



00C3D8

Triad

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



00C4AE



B3A3F6



E99D66

Complementary

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



00C4AE



C40016

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.



FC9186



00C4AE



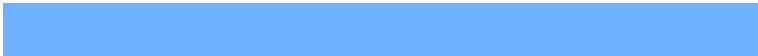
E394D8

Square

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



00C4AE



6CB2FF



FB8CAF



C7AC59

Rectangle

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



00C4AE



00C0EE



FB8CAF



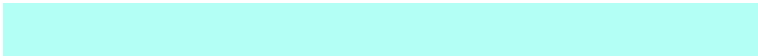
F1996F

Sweetspot

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



00C4AE



B3FFF6



17C400



52807A



000000



808080

Same Dimension

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



00C4AE



00FFE2



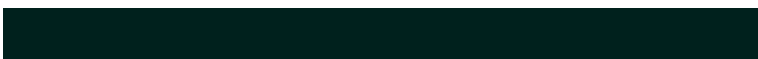
0079C4



576160



00A18F



00211D

Inverse Universe

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



C40016



FF001D



C44B00



615758



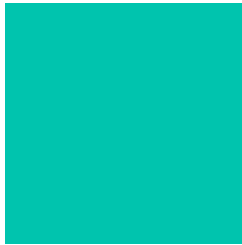
A10012



210004

Previews

White Background



This preview shows how the Hex color 00C4AE 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 00C4AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

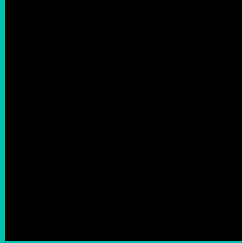
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

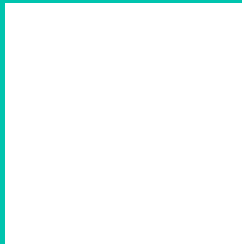
Any Text WCAG AAA ✓ Pass

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

Hex 00C4AE Background



This preview shows how black text looks on a background with the Hex color 00C4AE.

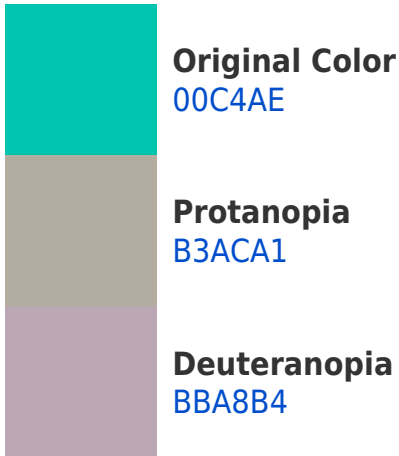


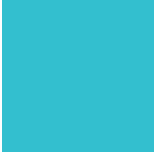
This preview shows how white text looks on a background with the Hex color 00C4AE.

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
33BFCF

Trichromacy



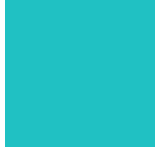
Original Color
00C4AE



Protanomaly
72B5A6

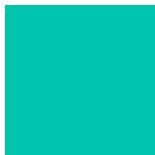


Deuteranomaly
77B2B2



Tritanomaly
20C1C3

Monochromacy



Original Color
00C4AE



Achromatopsia
878787



Achromatomaly
569D95

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C4AE 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 #00C4AE looks like.

```
.text, #text, p{  
    color:#00C4AE  
}
```

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 #00C4AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C4AE
}
```

Border

The CSS property to change the border of an element to Hex 00C4AE 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
#00C4AE }
```

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

```
.border{ border-color:#00C4AE }
```

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

Here you see how a box with a 4 pixel #00C4AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C4AE; -webkit-box-shadow:4px 4px  
4px 4px #00C4AE; box-shadow:4px 4px 4px  
4px #00C4AE }
```

Background

The CSS property to change the background color of an element to Hex 00C4AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C4AE }
```

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

```
.background{ background-color:#00C4AE }
```

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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