

Converting Colors

Hex(00CCA1)

Have a look what the booklet for
Hex(00CCA1) contains.

Hex(00CCA1)	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(00CCA1)

Conversions

Conversions Part 1

Format	Color
Hex	00CCA1
RGB	0, 204, 161
RGB Percent	0%, 80%, 63%
CMY	1.0000, 0.2000, 0.3686
CMYK	1.00, 0.00, 0.21, 0.20
HSL	167°, 100%, 40%
HSV	167°, 100%, 80%
XYZ	28.0259, 45.7589, 41.0735
YIQ	138.1020, -107.7810, -56.6210

Conversions

Conversions Part 2

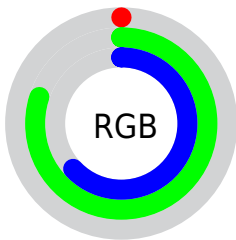
Format	Color
RYB	0, 114, 204
Decimal	52385
CIELab	73.39, -52.50, 9.61
CIELCh	73, 53.374, 169.628
Yxy	45.7589, 0.2440, 0.3984
Android (android.graphics.Color)	4278242465 (0xFF00CCA1)
YUV	138.1020, 11.2887, -121.1155
Hunter-Lab	67.6454, -44.4257, 11.3516

Details

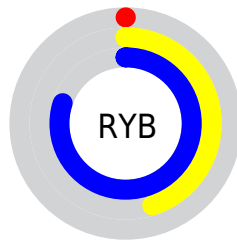
The Hex color **00CCA1** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CC002B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **67FFD8**, and **00956D** is the 20% darker color. If you saturate the color by 10%, you get **00CCA1**, and if you desaturate by 10%, it is **14CCA5**.

Distribution



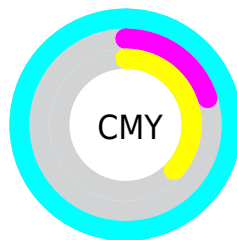
- Red (0%)
- Green (80%)
- Blue (63%)



- Red (0%)
- Yellow (45%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CCA1 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 00CCA1 by changing the saturation by 10% instead.

 00CCA1

 00CCA1

FFFFFF

 00B087

 67FFD8

 00956D

 87FFF4

 007A55

 A7FFFF

 00603E

 C5FFFF

 004728

 E4FFFF

 003013

 001400

 000000

 00CCA1

 14CCA5

 29CCAA

 3DCCAE

 52CCB2

 66CCB7

 7ACCBB

 8FCCBF

 A3CCC3

 B8CCC8

Harmonies

Analogous

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



78C672



00CCA1



00CDD4

Triad

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



00CCA1



9CAEFF



FF9A6B

Complementary

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



00CCA1



CC002B

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.



FF8C96



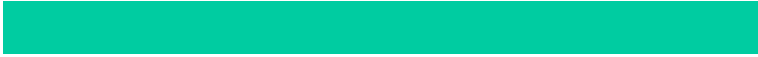
00CCA1



E09BF4

Square

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



00CCA1



0EBEFF



FF8DC7



E0AC52

Rectangle

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



00CCA1



00CBF1



FF8DC7



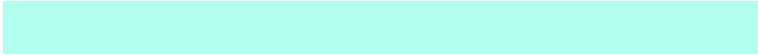
FF9478

Sweetspot

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



00CCA1



B3FFE9



2CCC00



528076



000000



808080

Same Dimension

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



00CCA1



00FFC9



0092CC



5C6664



00A683



00261E

Inverse Universe

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



CC002B



FF0036



CC3A00



665C5E



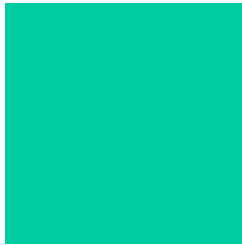
A60023



260008

Previews

White Background



This preview shows how the Hex color 00CCA1 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 00CCA1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

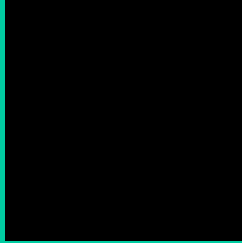
Any Text WCAG AA ✓ Pass

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 00CCA1 Background



This preview shows how black text looks on a background with the Hex color 00CCA1.

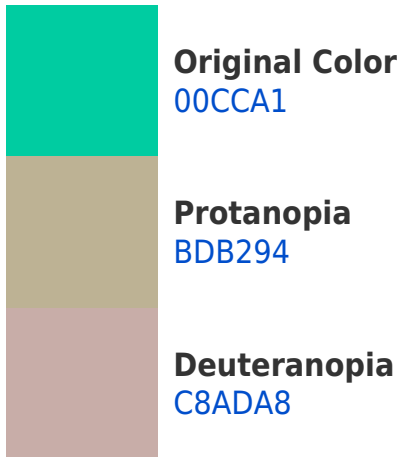


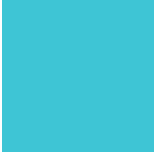
This preview shows how white text looks on a background with the Hex color 00CCA1.

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
3EC5D5

Trichromacy



Original Color
00CCA1



Protanomaly
78BB99



Deuteranomaly
7FB8A5



Tritanomaly
27C8C2

Monochromacy



Original Color
00CCA1



Achromatopsia
8A8A8A



Achromatomaly
58A292

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CCA1 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 #00CCA1 looks like.

```
.text, #text, p{  
    color:#00CCA1  
}
```

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 #00CCA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CCA1
}
```

Border

The CSS property to change the border of an element to Hex 00CCA1 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
#00CCA1 }
```

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

```
.border{ border-color:#00CCA1 }
```

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

Here you see how a box with a 4 pixel #00CCA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CCA1; -webkit-box-shadow:4px 4px  
4px 4px #00CCA1; box-shadow:4px 4px 4px  
4px #00CCA1 }
```

Background

The CSS property to change the background color of an element to Hex 00CCA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CCA1 }
```

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

```
.background{ background-color:#00CCA1 }
```

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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