

Converting Colors

Hex(00CCC3)

Have a look what the booklet for
Hex(00CCC3) contains.

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Color

Hex(00CCC3)

Conversions

Conversions Part 1

Format	Color
Hex	00CCC3
RGB	0, 204, 195
RGB Percent	0%, 80%, 76%
CMY	1.0000, 0.2000, 0.2353
CMYK	1.00, 0.00, 0.04, 0.20
HSL	177°, 100%, 40%
HSV	177°, 100%, 80%
XYZ	31.4432, 47.1259, 59.0687
YIQ	141.9780, -118.6950, -46.0470

Conversions

Conversions Part 2

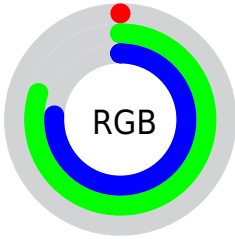
Format	Color
RYB	0, 104, 204
Decimal	52419
CIELab	74.27, -43.29, -7.48
CIELCh	74, 43.931, 189.800
Yxy	47.1259, 0.2284, 0.3424
Android (android.graphics.Color)	4278242499 (0xFF00CCC3)
YUV	141.9780, 26.1398, -124.5147
Hunter-Lab	68.6483, -38.3756, -2.9626

Details

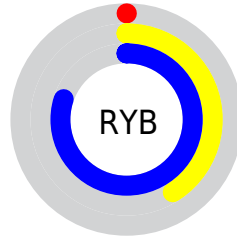
The Hex color **00CCC3** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CC0009**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6AFFFB**, and **00958D** is the 20% darker color. If you saturate the color by 10%, you get **00CCC3**, and if you desaturate by 10%, it is **14CCC4**.

Distribution



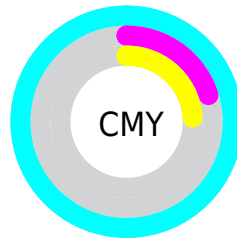
- Red (0%)
- Green (80%)
- Blue (76%)



- Red (0%)
- Yellow (41%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CCC3 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 00CCC3 by changing the saturation by 10% instead.

 00CCC3

 00CCC3

FFFFFF

 00B0A8

 6AFFFB

 00958D

 8BFFFF

 007A74

 AAFFFF

 00615B

 CAFFFF

 004844

 E9FFFF

 00312E

 001819

 000000

 00CCC3

 14CCC4

 29CCC5

 3DCCC6

 52CCC7

 66CCC8

 7ACCC8

 8FCCC9

 A3CCCA

 B8CCCB

Harmonies

Analogous

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



63CA99



00CCC3



00CAE9

Triad

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



00CCC3



CCA7F5



E7AB6B

Complementary

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



00CCC3



CC0009

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.



FF9D85



00CCC3



F49AD3

Square

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



00CCC3



90B6FF



FF96AB



C3B965

Rectangle

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



00CCC3



04C5FB



FF96AB



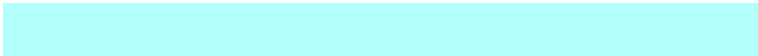
F1A672

Sweetspot

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



00CCC3



B3FFFC



0ACC00



52807D



000000



808080

Same Dimension

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



00CCC3



00FFF4



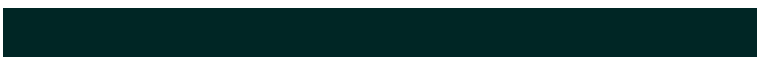
0070CC



5C6666



00A69E



002625

Inverse Universe

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



CC0009



FF000B



CC5C00



665C5C



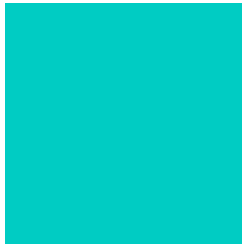
A60007



260002

Previews

White Background



This preview shows how the Hex color 00CCC3 looks on a white background.

Color Contrast Check

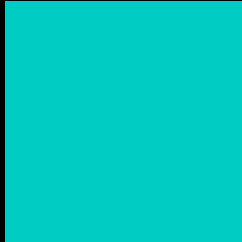
Large Text (above 18pt) WCAG AA × Fail

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 00CCC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

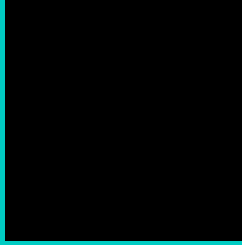
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

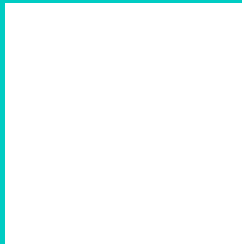
Any Text WCAG AAA ✓ Pass

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

Hex 00CCC3 Background



This preview shows how black text looks on a background with the Hex color 00CCC3.



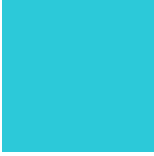
This preview shows how white text looks on a background with the Hex color 00CCC3.

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
2CC9D9

Trichromacy



Original Color
00CCC3



Protanomaly
75BDBA



Deuteranomaly
79BAC7



Tritanomaly
1CCAD1

Monochromacy



Original Color
00CCC3



Achromatopsia
8E8E8E



Achromatomaly
5AA5A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CCC3 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 #00CCC3 looks like.

```
.text, #text, p{  
    color:#00CCC3  
}
```

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 #00CCC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CCC3
}
```

Border

The CSS property to change the border of an element to Hex 00CCC3 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
#00CCC3 }
```

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

```
.border{ border-color:#00CCC3 }
```

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

Here you see how a box with a 4 pixel #00CCC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CCC3; -webkit-box-shadow:4px 4px  
4px 4px #00CCC3; box-shadow:4px 4px 4px  
4px #00CCC3 }
```

Background

The CSS property to change the background color of an element to Hex 00CCC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CCC3 }
```

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

```
.background{ background-color:#00CCC3 }
```

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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