

Converting Colors

Hex(00C3C5)

Have a look what the booklet for
Hex(00C3C5) contains.

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Color

Hex(00C3C5)

Conversions

Conversions Part 1

Format	Color
Hex	00C3C5
RGB	0, 195, 197
RGB Percent	0%, 76%, 77%
CMY	1.0000, 0.2353, 0.2275
CMYK	1.00, 0.01, 0.00, 0.23
HSL	181°, 100%, 39%
HSV	181°, 100%, 77%
XYZ	29.5932, 43.0614, 59.5753
YIQ	136.9230, -116.8620, -40.7180

Conversions

Conversions Part 2

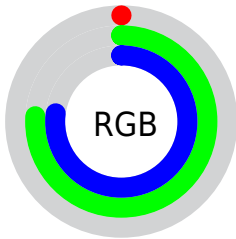
Format	Color
RYB	0, 98, 197
Decimal	50117
CIELab	71.60, -38.69, -12.55
CIELCh	72, 40.671, 197.976
Yxy	43.0614, 0.2238, 0.3257
Android (android.graphics.Color)	4278240197 (0xFF00C3C5)
YUV	136.9230, 29.6180, -120.0815
Hunter-Lab	65.6212, -34.3391, -7.8926

Details

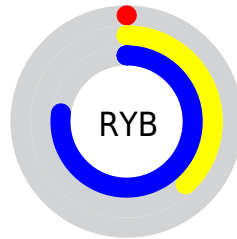
The Hex color **00C3C5** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C50200**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **68FCFE**, and **008D8F** is the 20% darker color. If you saturate the color by 10%, you get **00C3C5**, and if you desaturate by 10%, it is **14C3C5**.

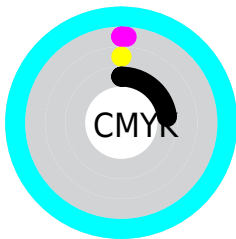
Distribution



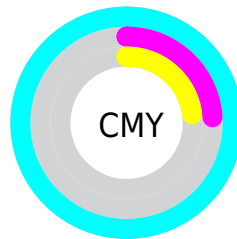
- Red (0%)
- Green (76%)
- Blue (77%)



- Red (0%)
- Yellow (38%)
- Blue (77%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C3C5 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 00C3C5 by changing the saturation by 10% instead.

 00C3C5

 00C3C5

FFFFFF

 00A7AA

 68FCFE

 008D8F

 89FFFF

 007276

 A9FFFF

 00595D

 C8FFFF

 004146

 E7FFFF

 002B2F

 000C1B

 000000

 00C3C5

 14C3C5

 27C3C5

 3BC4C5

 4FC4C5

 63C4C5

 76C4C5

 8AC4C5

 9EC5C5

 B1C5C5

Harmonies

Analogous

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



55C29F



00C3C5



00C0E5

Triad

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



00C3C5



CF9EE1



D5A867

Complementary

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



00C3C5



C50200

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.



EE9B7A



00C3C5



EE94C0

Square

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



00C3C5



9DABF6



F8939A



B1B467

Rectangle

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



00C3C5



42BBF3



F8939A



DEA46B

Sweetspot

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



00C3C5



B3FEFF



00C500



527F80



000000



808080

Same Dimension

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



00C3C5



00FCFF



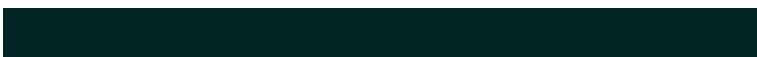
0063C5



5A6363



00A2A3



002324

Inverse Universe

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



C500C3



FF00FC



C56300



635A63



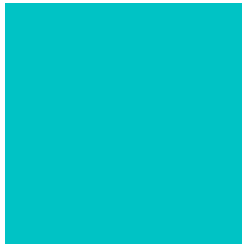
A300A2



240023

Previews

White Background



This preview shows how the Hex color 00C3C5 looks on a white background.

Color Contrast Check

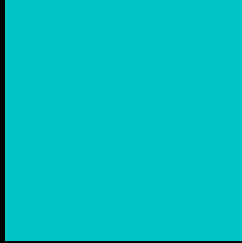
Large Text (above 18pt) WCAG AA × Fail

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 00C3C5 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

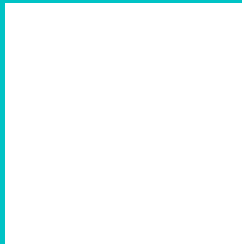
Any Text WCAG AAA ✓ Pass

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

Hex 00C3C5 Background



This preview shows how black text looks on a background with the Hex color 00C3C5.

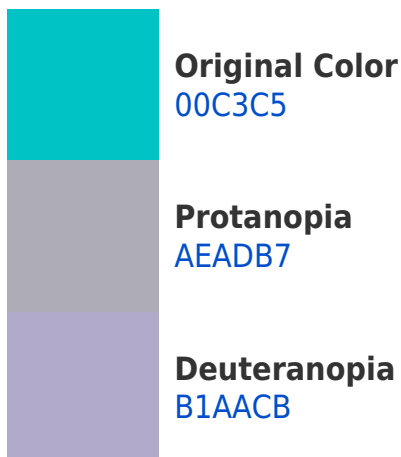


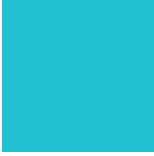
This preview shows how white text looks on a background with the Hex color 00C3C5.

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
21C1D1

Trichromacy



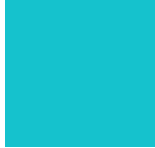
Original Color
00C3C5



Protanomaly
6FB5BC



Deuteranomaly
71B3C9



Tritanomaly
15C2CD

Monochromacy



Original Color
00C3C5



Achromatopsia
898989



Achromatomaly
579E9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C3C5 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 #00C3C5 looks like.

```
.text, #text, p{  
    color:#00C3C5  
}
```

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 #00C3C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C3C5
}
```

Border

The CSS property to change the border of an element to Hex 00C3C5 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
#00C3C5 }
```

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

```
.border{ border-color:#00C3C5 }
```

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

Here you see how a box with a 4 pixel #00C3C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C3C5; -webkit-box-shadow:4px 4px  
4px 4px #00C3C5; box-shadow:4px 4px 4px  
4px #00C3C5 }
```

Background

The CSS property to change the background color of an element to Hex 00C3C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C3C5 }
```

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

```
.background{ background-color:#00C3C5 }
```

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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