

Converting Colors

Hex(00C2C6)

Have a look what the booklet for
Hex(00C2C6) contains.

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Color

Hex(00C2C6)

Conversions

Conversions Part 1

Format	Color
Hex	00C2C6
RGB	0, 194, 198
RGB Percent	0%, 76%, 78%
CMY	1.0000, 0.2392, 0.2235
CMYK	1.00, 0.02, 0.00, 0.22
HSL	181°, 100%, 39%
HSV	181°, 100%, 78%
XYZ	29.4848, 42.6608, 60.1064
YIQ	136.4500, -116.9080, -39.8840

Conversions

Conversions Part 2

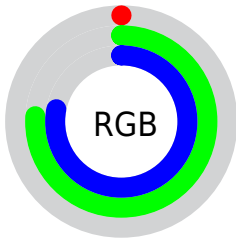
Format	Color
RYB	0, 98, 198
Decimal	49862
CIELab	71.32, -37.92, -13.51
CIELCh	71, 40.258, 199.603
Yxy	42.6608, 0.2229, 0.3226
Android (android.graphics.Color)	4278239942 (0xFF00C2C6)
YUV	136.4500, 30.3442, -119.6666
Hunter-Lab	65.3152, -33.7226, -8.8410

Details

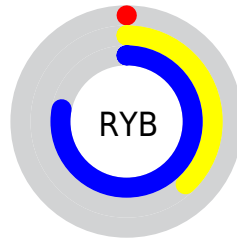
The Hex color **00C2C6** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C60400**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **68FBFF**, and **008C90** is the 20% darker color. If you saturate the color by 10%, you get **00C2C6**, and if you desaturate by 10%, it is **14C2C6**.

Distribution



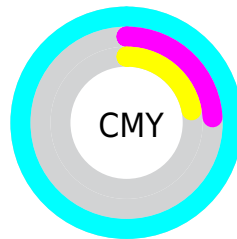
- Red (0%)
- Green (76%)
- Blue (78%)



- Red (0%)
- Yellow (38%)
- Blue (78%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C2C6 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 00C2C6 by changing the saturation by 10% instead.

 00C2C6

 00C2C6

FFFFFF

 00A6AB

 68FBFF

 008C90

 89FFFF

 007277

 A9FFFF

 00585E

 C8FFFF

 004046

 E7FFFF

 002A30

 000B1C

 000000

 00C2C6

 14C2C6

 28C3C6

 3BC3C6

 4FC4C6

 63C4C6

 77C4C6

 8BC5C6

 9EC5C6

 B2C6C6

Harmonies

Analogous

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



53C1A0



00C2C6



00BEE5

Triad

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



00C2C6



D09CDF



D2A866

Complementary

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



00C2C6



C60400

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.



EB9B78



00C2C6



EE93BD

Square

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



00C2C6



A0AAF4



F69398



AEB468

Rectangle

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



00C2C6



47B9F3



F69398



DCA46A

Sweetspot

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



00C2C6



B3FDFD



00C603



527F80



000000



808080

Same Dimension

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



00C2C6



00FAFF



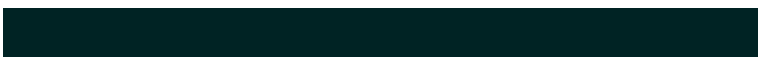
0060C6



5A6363



00A0A3



002324

Inverse Universe

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



C600C2



FF00FA



C66600



635A63



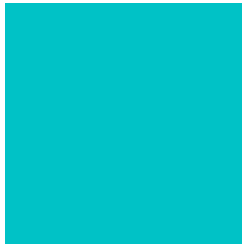
A300A0



240023

Previews

White Background



This preview shows how the Hex color 00C2C6 looks on a white background.

Color Contrast Check

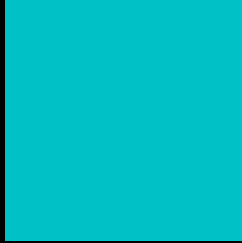
Large Text (above 18pt) WCAG AA × Fail

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 00C2C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

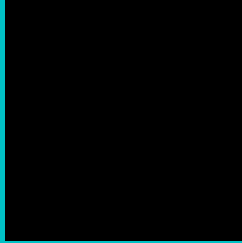
Any Text WCAG AA ✓ Pass

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 00C2C6 Background



This preview shows how black text looks on a background with the Hex color 00C2C6.

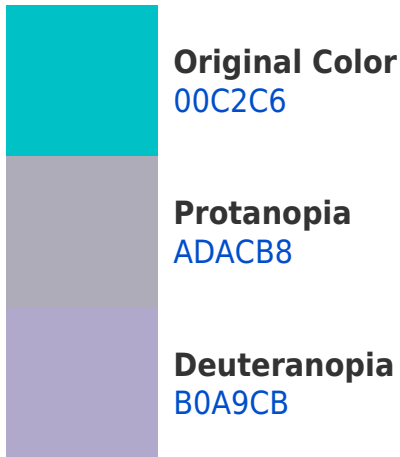


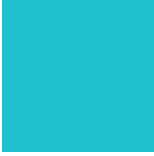
This preview shows how white text looks on a background with the Hex color 00C2C6.

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



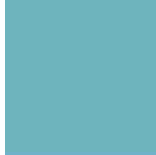


Tritanopia
1FC0D0

Trichromacy



Original Color
00C2C6



Protanomaly
6EB4BD



Deuteranomaly
70B2C9



Tritanomaly
14C1CC

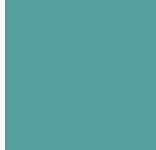
Monochromacy



Original Color
00C2C6



Achromatopsia
888888



Achromatomaly
579D9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C2C6 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 #00C2C6 looks like.

```
.text, #text, p{  
    color:#00C2C6  
}
```

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 #00C2C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C2C6
}
```

Border

The CSS property to change the border of an element to Hex 00C2C6 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
#00C2C6 }
```

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

```
.border{ border-color:#00C2C6 }
```

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

Here you see how a box with a 4 pixel #00C2C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C2C6; -webkit-box-shadow:4px 4px  
4px 4px #00C2C6; box-shadow:4px 4px 4px  
4px #00C2C6 }
```

Background

The CSS property to change the background color of an element to Hex 00C2C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C2C6 }
```

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

```
.background{ background-color:#00C2C6 }
```

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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