

Converting Colors

Hex(01C6C6)

Have a look what the booklet for
Hex(01C6C6) contains.

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Color

Hex(01C6C6)

Conversions

Conversions Part 1

Format	Color
Hex	01C6C6
RGB	1, 198, 198
RGB Percent	0%, 78%, 78%
CMY	0.9961, 0.2235, 0.2235
CMYK	0.99, 0.00, 0.00, 0.22
HSL	180°, 99%, 39%
HSV	180°, 99%, 78%
XYZ	30.3996, 44.4718, 60.4078
YIQ	139.0970, -117.4120, -41.7640

Conversions

Conversions Part 2

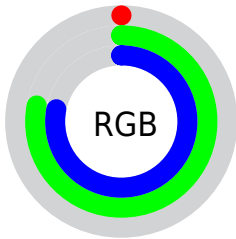
Format	Color
RYB	1, 100, 198
Decimal	116422
CIELab	72.54, -39.71, -11.68
CIELCh	73, 41.394, 196.388
Yxy	44.4718, 0.2247, 0.3287
Android (android.graphics.Color)	4278306502 (0xFF01C6C6)
YUV	139.0970, 29.0392, -121.1111
Hunter-Lab	66.6872, -35.3326, -7.0261

Details

The Hex color **01C6C6** 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 **C60101**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **69FFFF**, and **008F90** is the 20% darker color. If you saturate the color by 10%, you get **00C6C6**, and if you desaturate by 10%, it is **15C6C6**.

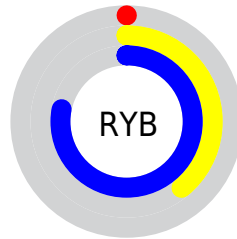
Distribution



Red (0%)

Green (78%)

Blue (78%)



Red (0%)

Yellow (39%)

Blue (78%)

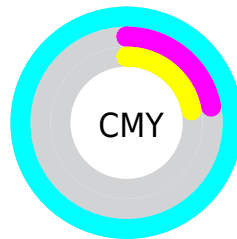


Cyan (99%)

Magenta (0%)

Yellow (0%)

Black (22%)



Cyan (100%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01C6C6 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 01C6C6 by changing the saturation by 10% instead.

 01C6C6

 01C6C6

FFFFFF

 00AAAB

 69FFFF

 008F90

 8AFFFF

 007577

 AAFFFF

 005C5E

 C9FFFF

 004346

 E8FFFF

 002D30

 00111C

 000000

 01C6C6

 01C6C6

■ 00C6C6

■ 15C6C6

■ 29C6C6

■ 3CC6C6

■ 50C6C6

■ 64C6C6

■ 78C6C6

■ 8CC6C6

■ 9FC6C6

■ B3C6C6

Harmonies

Analogous

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



59C59F



01C6C6



00C3E8

Triad

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



01C6C6



D0A1E6



D9AA68

Complementary

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



01C6C6



C60101

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.



F29D7D



01C6C6



F196C5

Square

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



01C6C6



9CAFFA



FC959E



B6B668

Rectangle

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



01C6C6



3CBEF6



FC959E



E3A56D

Sweetspot

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



01C6C6



B3FFFF



01C601



528080



000000



808080

Same Dimension

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



01C6C6



00FFFF



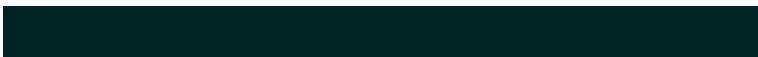
0164C6



5A6363



00A3A3



002424

Inverse Universe

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



C601C6



FF00FF



C66401



635A63



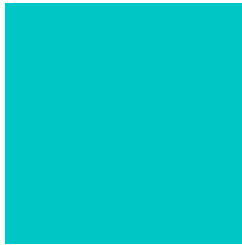
A300A3



240024

Previews

White Background



This preview shows how the Hex color 01C6C6 looks on a white background.

Color Contrast Check

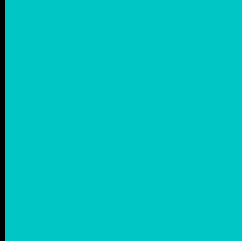
Large Text (above 18pt) WCAG AA × Fail

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 01C6C6 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

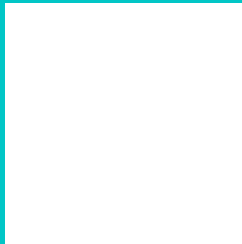
Any Text WCAG AAA ✓ Pass

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

Hex 01C6C6 Background



This preview shows how black text looks on a background with the Hex color 01C6C6.

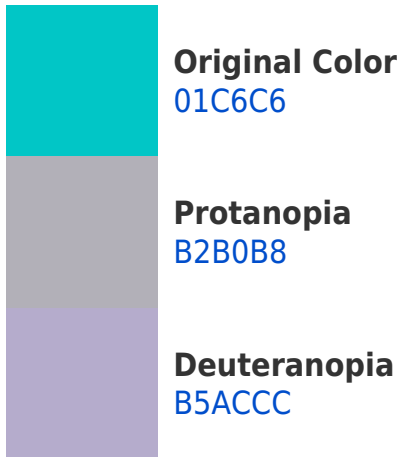


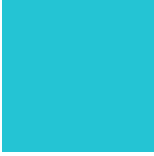
This preview shows how white text looks on a background with the Hex color 01C6C6.

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
24C4D4

Trichromacy



Original Color
01C6C6



Protanomaly
72B8BD



Deuteranomaly
74B5CA



Tritanomaly
17C5CF

Monochromacy



Original Color
01C6C6



Achromatopsia
8B8B8B



Achromatomaly
59A0A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 01C6C6 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 #01C6C6 looks like.

```
.text, #text, p{  
    color:#01C6C6  
}
```

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 #01C6C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01C6C6
}
```

Border

The CSS property to change the border of an element to Hex 01C6C6 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
#01C6C6 }
```

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

```
.border{ border-color:#01C6C6 }
```

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

Here you see how a box with a 4 pixel #01C6C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01C6C6; -webkit-box-shadow:4px 4px  
4px 4px #01C6C6; box-shadow:4px 4px 4px  
4px #01C6C6 }
```

Background

The CSS property to change the background color of an element to Hex 01C6C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01C6C6 }
```

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

```
.background{ background-color:#01C6C6 }
```

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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