

Converting Colors

Hex(01C4BF)

Have a look what the booklet for
Hex(01C4BF) contains.

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Color

Hex(01C4BF)

Conversions

Conversions Part 1

Format	Color
Hex	01C4BF
RGB	1, 196, 191
RGB Percent	0%, 77%, 75%
CMY	0.9961, 0.2314, 0.2510
CMYK	0.99, 0.00, 0.03, 0.23
HSL	178°, 99%, 39%
HSV	178°, 99%, 77%
XYZ	29.1564, 43.2479, 56.1012
YIQ	137.1250, -114.6150, -42.8950

Conversions

Conversions Part 2

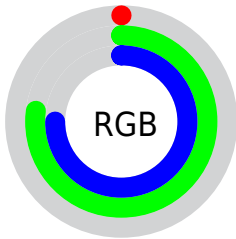
Format	Color
RYB	1, 100, 196
Decimal	115903
CIELab	71.72, -40.90, -9.09
CIELCh	72, 41.903, 192.530
Yxy	43.2479, 0.2269, 0.3365
Android (android.graphics.Color)	4278305983 (0xFF01C4BF)
YUV	137.1250, 26.5604, -119.3816
Hunter-Lab	65.7631, -35.9466, -4.5449

Details

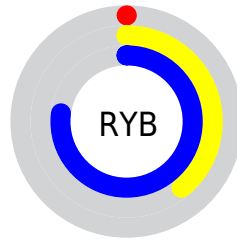
The Hex color **01C4BF** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C40106**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **68FDF7**, and **008D8A** is the 20% darker color. If you saturate the color by 10%, you get **00C4BF**, and if you desaturate by 10%, it is **15C4C0**.

Distribution



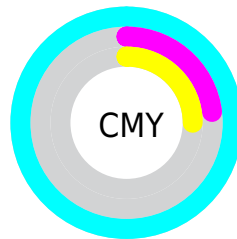
- Red (0%)
- Green (77%)
- Blue (75%)



- Red (0%)
- Yellow (39%)
- Blue (77%)



- Cyan (99%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)




- Cyan (100%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01C4BF 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 01C4BF by changing the saturation by 10% instead.

 01C4BF

 01C4BF

FFFFFF

 00A8A4

 68DFD7

 008D8A

 88FFFF

 007370

 A8FFFF

 005A58

 C7FFFF


 004141

 E6FFFF

 002B2B

 000D17

 000000

 01C4BF

 01C4BF

■ 00C4BF

■ 15C4C0

■ 28C4C0

■ 3CC4C1

■ 4FC4C1

■ 63C4C2

■ 77C4C2

■ 8AC4C3

■ 9EC4C3

■ B1C4C4

Harmonies

Analogous

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



5CC298



01C4BF



00C1E2

Triad

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



01C4BF



C8A0E8



DBA667

Complementary

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



01C4BF



C40106

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.



F3997E



01C4BF



EC94C8

Square

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



01C4BF



91AEFA



FA92A1



B9B364

Rectangle

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



01C4BF



26BDF3



FA92A1



E5A16D

Sweetspot

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



01C4BF



B3FFFD



07C401



52807E



000000



808080

Same Dimension

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



01C4BF



00FFF8



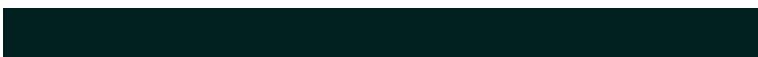
0169C4



576161



00A19D



002120

Inverse Universe

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



C40106



FF0007



C45C01



615757



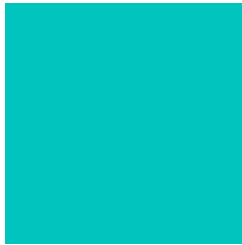
A10004



210001

Previews

White Background



This preview shows how the Hex color 01C4BF looks on a white background.

Color Contrast Check

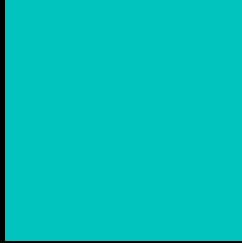
Large Text (above 18pt) WCAG AA × Fail

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 01C4BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

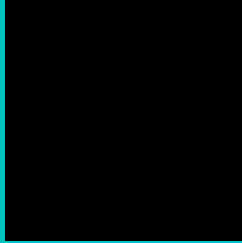
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

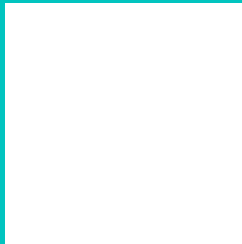
Any Text WCAG AAA ✓ Pass

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

Hex 01C4BF Background



This preview shows how black text looks on a background with the Hex color 01C4BF.

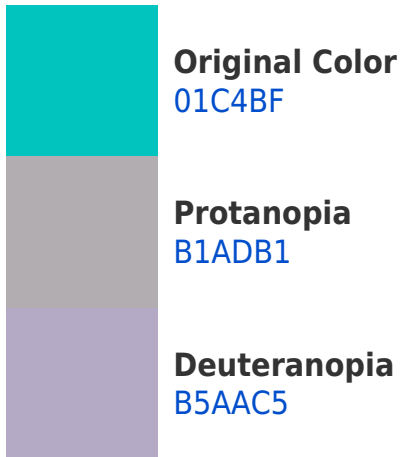


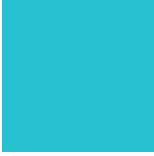
This preview shows how white text looks on a background with the Hex color 01C4BF.

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
28C1D1

Trichromacy



Original Color
01C4BF



Protanomaly
71B5B6



Deuteranomaly
74B3C3



Tritanomaly
1AC2CA

Monochromacy



Original Color
01C4BF



Achromatopsia
898989



Achromatomaly
589E9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 01C4BF 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 #01C4BF looks like.

```
.text, #text, p{  
  color:#01C4BF  
}
```

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 #01C4BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01C4BF
}
```

Border

The CSS property to change the border of an element to Hex 01C4BF 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
#01C4BF }
```

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

```
.border{ border-color:#01C4BF }
```

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

Here you see how a box with a 4 pixel #01C4BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01C4BF; -webkit-box-shadow:4px 4px  
4px 4px #01C4BF; box-shadow:4px 4px 4px  
4px #01C4BF }
```

Background

The CSS property to change the background color of an element to Hex 01C4BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01C4BF }
```

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

```
.background{ background-color:#01C4BF }
```

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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