

Converting Colors

Hex(04BCC6)

Have a look what the booklet for
Hex(04BCC6) contains.

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Color

Hex(04BCC6)

Conversions

Conversions Part 1

Format	Color
Hex	04BCC6
RGB	4, 188, 198
RGB Percent	2%, 74%, 78%
CMY	0.9843, 0.2627, 0.2235
CMYK	0.98, 0.05, 0.00, 0.22
HSL	183°, 96%, 40%
HSV	183°, 98%, 78%
XYZ	28.2263, 40.0695, 59.6726
YIQ	134.1240, -112.8740, -35.8980

Conversions

Conversions Part 2

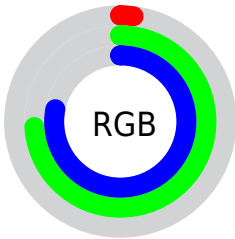
Format	Color
RYB	4, 98, 198
Decimal	310470
CIELab	69.52, -35.03, -16.22
CIELCh	70, 38.604, 204.850
Yxy	40.0695, 0.2206, 0.3131
Android (android.graphics.Color)	4278500550 (0xFF04BCC6)
YUV	134.1240, 31.4909, -114.1187
Hunter-Lab	63.3004, -31.1808, -11.5817

Details

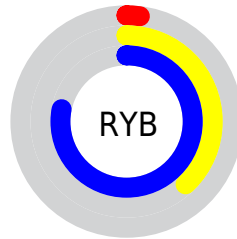
The Hex color **04BCC6** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C60E04**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **68F5FF**, and **008690** is the 20% darker color. If you saturate the color by 10%, you get **00BCC6**, and if you desaturate by 10%, it is **18BDC6**.

Distribution



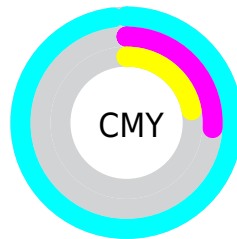
- Red (2%)
- Green (74%)
- Blue (78%)



- Red (2%)
- Yellow (38%)
- Blue (78%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04BCC6 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 04BCC6 by changing the saturation by 10% instead.

 04BCC6

 04BCC6

FFFFFF

 00A1AB

 68F5FF

 008690

 88FFFF

 006C77

 A8FFFF

 00535E

 C7FFFF

 003B46

 E6FFFF

 002630

 00011C

 000000

 04BCC6

 04BCC6

■ 00BCC6

■ 18BDC6

■ 2CBEC6

■ 3FBFC6

■ 53C0C6

■ 67C1C6

■ 7BC2C6

■ 8FC3C6

■ A2C4C6

■ B6C5C6

Harmonies

Analogous

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



4ABCA2



04BCC6



25B8E2

Triad

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



04BCC6



D096D3



C6A664

Complementary

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



04BCC6



C60E04

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.



E19972



04BCC6



E98FB1

Square

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



04BCC6



A5A3E9



EE908E



A3B169

Rectangle

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



04BCC6



56B2ED



EE908E



D0A266

Sweetspot

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



04BCC6



B5FBFF



04C60E



537D80



000000



808080

Same Dimension

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



04BCC6



00F2FF



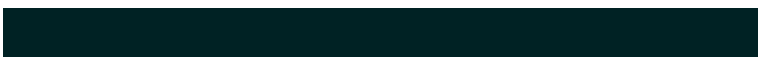
045BC6



5A6363



009BA3



002224

Inverse Universe

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



C604BC



FF00F2



C66F04



635A63



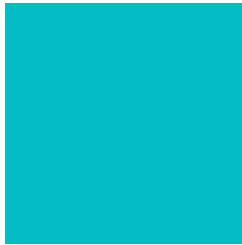
A3009B



240022

Previews

White Background



This preview shows how the Hex color 04BCC6 looks on a white background.

Color Contrast Check

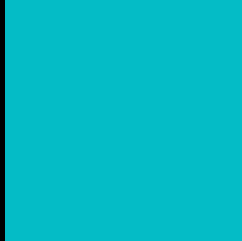
Large Text (above 18pt) WCAG AA × Fail

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 04BCC6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

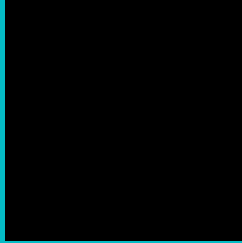
Any Text WCAG AA ✓ Pass

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 04BCC6 Background



This preview shows how black text looks on a background with the Hex color 04BCC6.

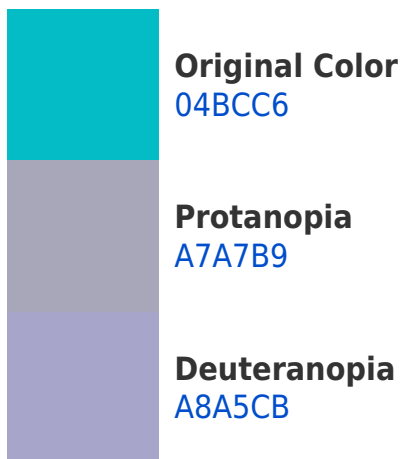


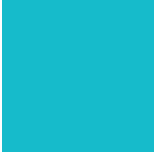
This preview shows how white text looks on a background with the Hex color 04BCC6.

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
16BBCB

Trichromacy



Original Color
04BCC6



Protanomaly
6CAFBE



Deuteranomaly
6CADC9



Tritanomaly
0FBBC9

Monochromacy



Original Color
04BCC6



Achromatopsia
868686



Achromatomaly
579A9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 04BCC6 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 #04BCC6 looks like.

```
.text, #text, p{  
    color:#04BCC6  
}
```

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 #04BCC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04BCC6
}
```

Border

The CSS property to change the border of an element to Hex 04BCC6 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
#04BCC6 }
```

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

```
.border{ border-color:#04BCC6 }
```

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

Here you see how a box with a 4 pixel #04BCC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04BCC6; -webkit-box-shadow:4px 4px  
4px 4px #04BCC6; box-shadow:4px 4px 4px  
4px #04BCC6 }
```

Background

The CSS property to change the background color of an element to Hex 04BCC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04BCC6 }
```

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

```
.background{ background-color:#04BCC6 }
```

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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