

Converting Colors

Hex(04B9CF)

Have a look what the booklet for
Hex(04B9CF) contains.

Hex(04B9CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(04B9CF)

Conversions

Conversions Part 1

Format	Color
Hex	04B9CF
RGB	4, 185, 207
RGB Percent	2%, 73%, 81%
CMY	0.9843, 0.2745, 0.1882
CMYK	0.98, 0.11, 0.00, 0.19
HSL	187°, 96%, 41%
HSV	187°, 98%, 81%
XYZ	28.6615, 39.2287, 65.0928
YIQ	133.3890, -114.9380, -31.5300

Conversions

Conversions Part 2

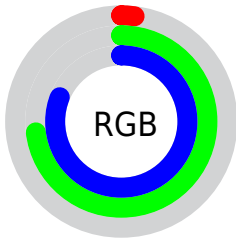
Format	Color
RYB	4, 100, 207
Decimal	309711
CIELab	68.92, -30.73, -22.07
CIELCh	69, 37.835, 215.693
Yxy	39.2287, 0.2155, 0.2950
Android (android.graphics.Color)	4278499791 (0xFF04B9CF)
YUV	133.3890, 36.2902, -113.4742
Hunter-Lab	62.6328, -27.9238, -17.7756

Details

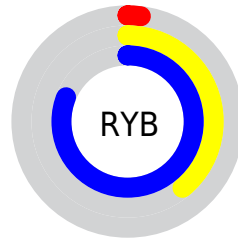
The Hex color **04B9CF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **CF1A04**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **69F1FF**, and **008399** is the 20% darker color. If you saturate the color by 10%, you get **00B9CF**, and if you desaturate by 10%, it is **19BBCF**.

Distribution



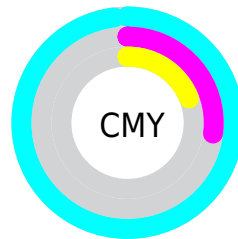
- Red (2%)
- Green (73%)
- Blue (81%)



- Red (2%)
- Yellow (39%)
- Blue (81%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (98%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04B9CF 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 04B9CF by changing the saturation by 10% instead.

 04B9CF

 04B9CF

FFFFFF

 009EB3

 69F1FF

 008399

 89FFFF

 006A7F

 A9FFFF

 005166

 C8FFFF

 003A4E

 E7FFFF

 002537

 000222

 000007

 000000

■ 04B9CF

■ 04B9CF

■ 00B9CF

■ 19BBCF

■ 2DBDCF

■ 42C0CF

■ 57C2CF

■ 6BC4CF

■ 80C6CF

■ 95C9CF

■ AACBCF

■ BECDCF

Harmonies

Analogous

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



38BBAE



04B9CF



43B3E6

Triad

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



04B9CF



D992C5



B8A863

Complementary

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



04B9CF



CF1A04

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.



D69C6A



04B9CF



EA8DA3

Square

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



04B9CF



B59DE0



E89282



94B26F

Rectangle

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



04B9CF



6DADEC



E89282



C3A463

Sweetspot

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



04B9CF



B5F7FF



04CF18



537B80



000000



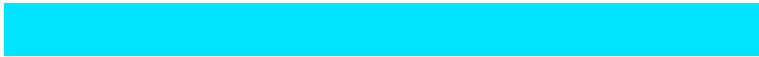
808080

Same Dimension

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



04B9CF



00E3FF



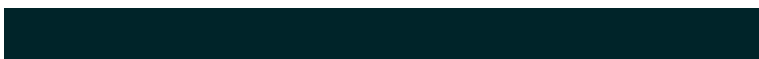
0455CF



5E6769



0096A8



002429

Inverse Universe

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



CF04B9



FF00E3



CF7E04



695E67



A80096



290024

Previews

White Background



This preview shows how the Hex color 04B9CF 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 04B9CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

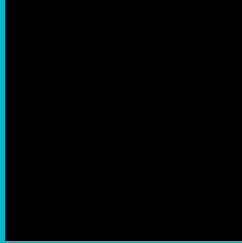
Any Text WCAG AA ✓ Pass

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 04B9CF Background



This preview shows how black text looks on a background with the Hex color 04B9CF.

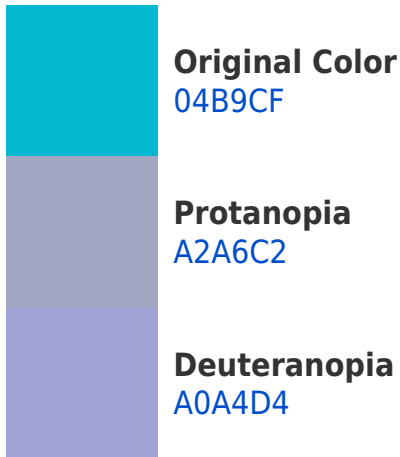


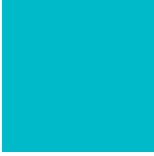
This preview shows how white text looks on a background with the Hex color 04B9CF.

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
00BAC9

Trichromacy



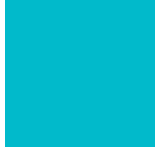
Original Color
04B9CF



Protanomaly
69ADC7



Deuteranomaly
67ACD2



Tritanomaly
01BACB

Monochromacy



Original Color
04B9CF



Achromatopsia
858585



Achromatomaly
5698A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 04B9CF 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 #04B9CF looks like.

```
.text, #text, p{  
    color:#04B9CF  
}
```

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 #04B9CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B9CF
}
```

Border

The CSS property to change the border of an element to Hex 04B9CF 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
#04B9CF }
```

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

```
.border{ border-color:#04B9CF }
```

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

Here you see how a box with a 4 pixel #04B9CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B9CF; -webkit-box-shadow:4px 4px  
4px 4px #04B9CF; box-shadow:4px 4px 4px  
4px #04B9CF }
```

Background

The CSS property to change the background color of an element to Hex 04B9CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B9CF }
```

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

```
.background{ background-color:#04B9CF }
```

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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