

# Converting Colors

Hex(04B7CE)

Have a look what the booklet for  
Hex(04B7CE) contains.

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# Color

Hex(04B7CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	04B7CE
RGB	4, 183, 206
RGB Percent	2%, 72%, 81%
CMY	0.9843, 0.2824, 0.1922
CMYK	0.98, 0.11, 0.00, 0.19
HSL	187°, 96%, 41%
HSV	187°, 98%, 81%
XYZ	28.1241, 38.3490, 64.3123
YIQ	132.1010, -114.0670, -30.7950

# Conversions

## Conversions Part 2

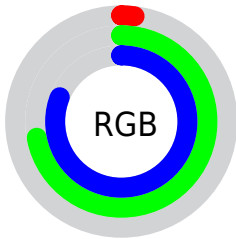
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 99, 206
Decimal	309198
CIELab	68.28, -30.08, -22.50
CIELCh	68, 37.564, 216.798
Yxy	38.3490, 0.2150, 0.2932
Android (android.graphics.Color)	4278499278 (0xFF04B7CE)
YUV	132.1010, 36.4322, -112.3446
Hunter-Lab	61.9266, -27.3052, -18.2256

# Details

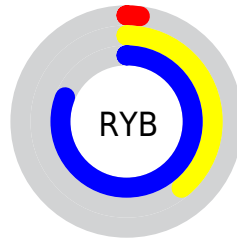
The Hex color **04B7CE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **CE1B04**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **68EFFF**, and **008298** is the 20% darker color. If you saturate the color by 10%, you get **00B7CE**, and if you desaturate by 10%, it is **19B9CE**.

# Distribution



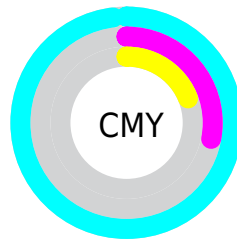
- Red (2%)
- Green (72%)
- Blue (81%)



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



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



- Cyan (98%)
- Magenta (28%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04B7CE 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 04B7CE by changing the saturation by 10% instead.



 04B7CE

 04B7CE

FFFFFF

 009CB2

 68EFFF

 008298

 89FFFF

 00687E

 A8FFFF

 004F65

 C7FFFF

 00384D

 E6FFFF

 002436

 000221

 000006

 000000

■ 04B7CE

■ 04B7CE

■ 00B7CE

■ 19B9CE

■ 2DBCCE

■ 42BECE

■ 56C0CE

■ 6BC3CE

■ 80C5CE

■ 94C7CE

■ A9CACE

■ BDCCCE

# Harmonies

## Analogous

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



35B9AD



04B7CE



44B1E4

# Triad

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



04B7CE



D790C2



B5A762

# Complementary

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



04B7CE



CE1B04

# 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.



D39B69



04B7CE



E88CA0

# Square

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



04B7CE



B49BDD



E5917F



91B06F

# Rectangle

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



04B7CE



6EABEA



E5917F



C0A362



# Sweetspot

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



04B7CE



B5F7FF



04CE18



537A80



000000



808080



# Same Dimension

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



04B7CE



00E2FF



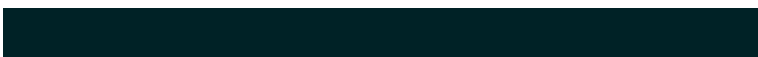
0455CE



5C6566



0093A6



002226



# Inverse Universe

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



CE04B7



FF00E2



CE7D04



665C65



A60093



260022



# Previews

## White Background



This preview shows how the Hex color 04B7CE looks on a white background.

## Color Contrast Check

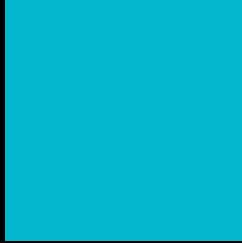
Large Text (above 18pt) WCAG AA × Fail

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 04B7CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

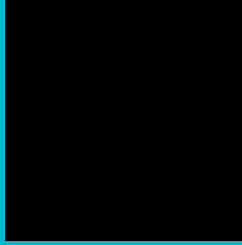
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 04B7CE Background



This preview shows how black text looks on a background with the Hex color 04B7CE.



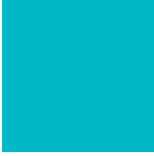
This preview shows how white text looks on a background with the Hex color 04B7CE.

# 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](#).

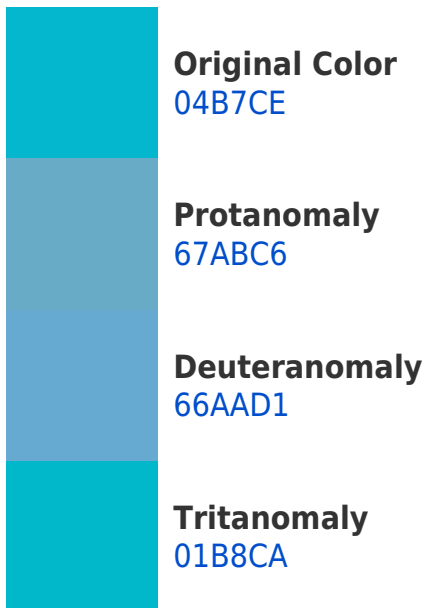
## Dichromacy



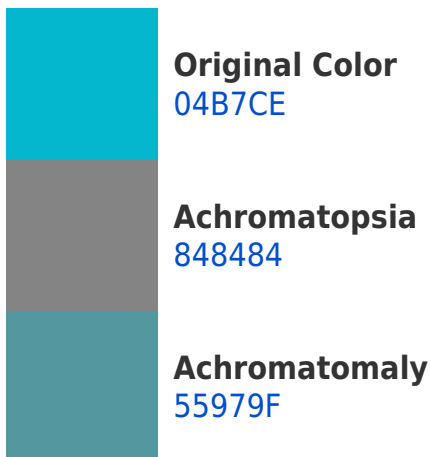


**Tritanopia**  
00B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04B7CE 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 #04B7CE looks like.

```
.text, #text, p{  
    color:#04B7CE  
}
```

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 #04B7CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B7CE
}
```

## Border

The CSS property to change the border of an element to Hex 04B7CE 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
#04B7CE }
```

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

```
.border{ border-color:#04B7CE }
```

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

Here you see how a box with a 4 pixel #04B7CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B7CE; -webkit-box-shadow:4px 4px  
4px 4px #04B7CE; box-shadow:4px 4px 4px  
4px #04B7CE }
```

# Background

The CSS property to change the background color of an element to Hex 04B7CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B7CE }
```

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

```
.background{ background-color:#04B7CE }
```

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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