

# Converting Colors

Hex(04BCBE)

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

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# Color

Hex(04BCBE)

# Conversions

## Conversions Part 1

Format	Color
Hex	04BCBE
RGB	4, 188, 190
RGB Percent	2%, 74%, 75%
CMY	0.9843, 0.2627, 0.2549
CMYK	0.98, 0.01, 0.00, 0.25
HSL	181°, 96%, 38%
HSV	181°, 98%, 75%
XYZ	27.3276, 39.7100, 54.9397
YIQ	133.2120, -110.3060, -38.3860

# Conversions

## Conversions Part 2

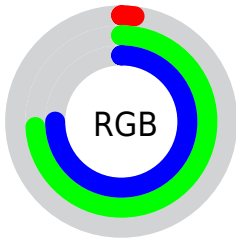
Format	Color
<a href="#">RYB</a>	<a href="#">4, 96, 190</a>
Decimal	<a href="#">310462</a>
CIELab	<a href="#">69.26, -37.50, -12.22</a>
CIELCh	<a href="#">69, 39.443, 198.046</a>
Yxy	<a href="#">39.7100, 0.2240, 0.3256</a>
Android (android.graphics.Color)	<a href="#">4278500542</a> ( <a href="#">0xFF04BCBE</a> )
YUV	<a href="#">133.2120, 27.9965, -113.3189</a>
Hunter-Lab	<a href="#">63.0158, -32.8691, -7.5803</a>

# Details

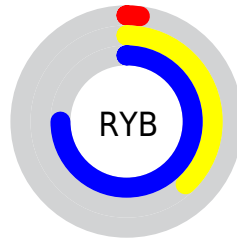
The Hex color **04BCBE** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE0604**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **67F5F6**, and **008689** is the 20% darker color. If you saturate the color by 10%, you get **00BCBE**, and if you desaturate by 10%, it is **17BCBE**.

# Distribution



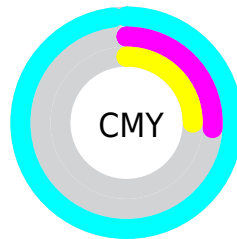
- Red (2%)
- Green (74%)
- Blue (75%)



- Red (2%)
- Yellow (38%)
- Blue (75%)



- Cyan (98%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (26%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 04BCBE

 04BCBE

FFFFFF

 00A1A3

 67F5F6

 008689

 87FFFF

 006C6F

 A6FFFF

 005357

 C5FFFF

 003B40

 E4FFFF

 00262A

 000116

 000000

 04BCBE

 04BCBE

00BCBE

17BCBE

2ABCBE

3DBDBE

50BDBE

63BDBE

76BDBE

89BDBE

9CBEBE

AFEBE

# Harmonies

## Analogous

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



52BB99



04BCBE



00B9DD

# Triad

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



04BCBE



C898D9



CDA263

# Complementary

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



04BCBE



BE0604

# 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.



E59675



04BCBE



E58EB9

# Square

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



04BCBE



98A5ED



EF8E95



ABAE64

# Rectangle

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



04BCBE



40B4EB



EF8E95



D69E67



# Sweetspot

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



04BCBE



B0F7F7



04BE04



517C7D



FCFCFC



7D7D7D



# Same Dimension

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



04BCBE



00F5F7



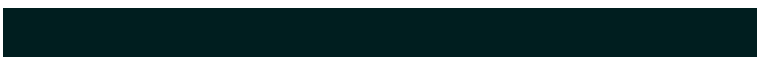
0461BE



555E5E



009C9E



001E1F



# Inverse Universe

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



BE04BC



F700F5



BE6104



5E555E



9E009C



1F001E



# Previews

## White Background



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

## Color Contrast Check

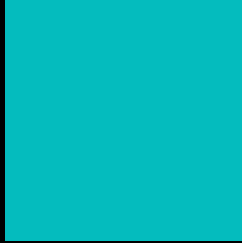
Large Text (above 18pt) WCAG AA × Fail

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 04BCBE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

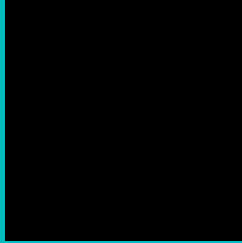
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 04BCBE Background



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

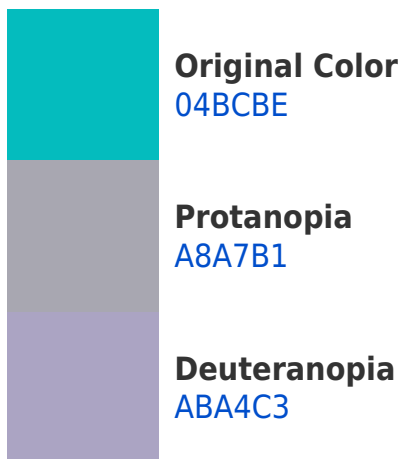


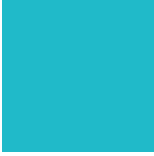
This preview shows how white text looks on a background with the Hex color 04BCBE.

# 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





# Trichromacy



**Original Color**  
04BCBE



**Protanomaly**  
6CAFB6



**Deuteranomaly**  
6EADC1



**Tritanomaly**  
16BBC5

# Monochromacy



**Original Color**  
04BCBE



**Achromatopsia**  
858585



**Achromatomaly**  
56999A

# CSS Examples

## Text

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

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

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 #04BCBE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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