

Converting Colors

Hex(04B0B0)

Have a look what the booklet for
Hex(04B0B0) contains.

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Color

Hex(04B0B0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 04B0B0 |
| RGB | 4, 176, 176 |
| RGB Percent | 2%, 69%, 69% |
| CMY | 0.9843, 0.3098, 0.3098 |
| CMYK | 0.98, 0.00, 0.00, 0.31 |
| HSL | 180°, 96%, 35% |
| HSV | 180°, 98%, 69% |
| XYZ | 23.4119, 34.2111, 46.4438 |
| YIQ | 124.5720, -102.5120, -36.4640 |

Conversions

Conversions Part 2

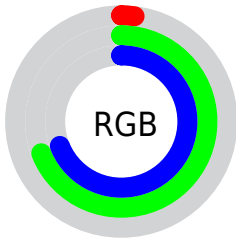
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 4, 90, 176 |
| Decimal | 307376 |
| CIELab | 65.13, -36.27, -10.67 |
| CIELCh | 65, 37.808, 196.397 |
| Yxy | 34.2111, 0.2250, 0.3287 |
| Android (android.graphics.Color) | 4278497456 (0xFF04B0B0) |
| YUV | 124.5720, 25.3540, -105.7416 |
| Hunter-Lab | 58.4902, -30.9097, -6.1356 |

Details

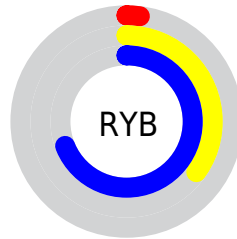
The Hex color **04B0B0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B00404**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **63E8E8**, and **007B7C** is the 20% darker color. If you saturate the color by 10%, you get **00B0B0**, and if you desaturate by 10%, it is **16B0B0**.

Distribution



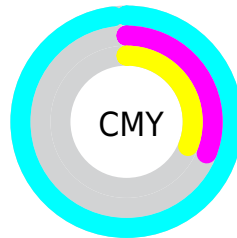
- Red (2%)
- Green (69%)
- Blue (69%)



- Red (2%)
- Yellow (35%)
- Blue (69%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (98%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04B0B0 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 04B0B0 by changing the saturation by 10% instead.

 04B0B0

 04B0B0

FFFFFF

 009595

 63E8E8

 007B7C

 83FFFF

 006163

 A1FFFF

 00494B

 C0FFFF

 003134

 DEFFFF

 001B1F

FDFFFF

 000006

 000000

 04B0B0

 04B0B0

■ 00B0B0

■ 16B0B0

■ 27B0B0

■ 39B0B0

■ 4AB0B0

■ 5CB0B0

■ 6EB0B0

■ 7FB0B0

■ 91B0B0

■ A2B0B0

Harmonies

Analogous

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



4EAF8D



04B0B0



00ADCE

Triad

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



04B0B0



B98ECD



C1975C

Complementary

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



04B0B0



B00404

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.



D88B6F



04B0B0



D685AF

Square

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



04B0B0



8B9BDF



E0848D



A1A25C

Rectangle

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



04B0B0



35A9DB



E0848D



CA9361

Sweetspot

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



04B0B0



A3E6E6



04B004



4B7373



F2F2F2



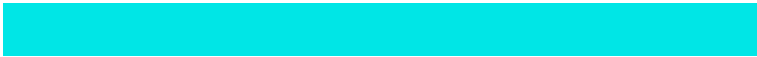
737373

Same Dimension

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



04B0B0



00E6E6



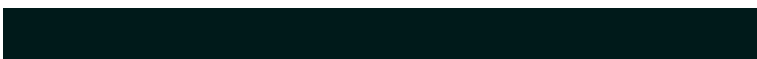
045AB0



505959



009999



001A1A

Inverse Universe

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



B004B0



E600E6



B05A04



595059



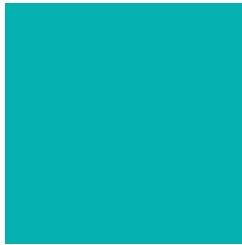
990099



1A001A

Previews

White Background



This preview shows how the Hex color 04B0B0 looks on a white background.

Color Contrast Check

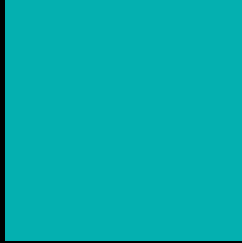
Large Text (above 18pt) WCAG AA × Fail

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 04B0B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

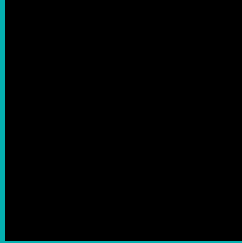
Any Text WCAG AA ✓ Pass

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 04B0B0 Background



This preview shows how black text looks on a background with the Hex color 04B0B0.

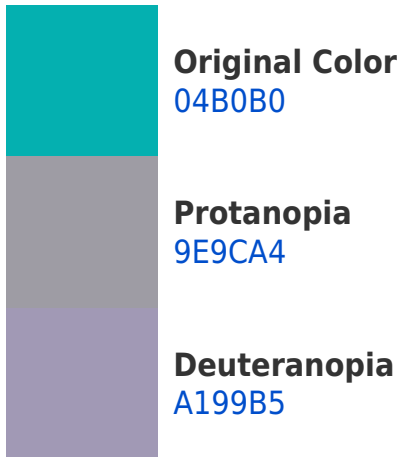


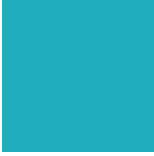
This preview shows how white text looks on a background with the Hex color 04B0B0.

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
04B0B0



Protanomaly
66A3A8



Deuteranomaly
68A1B3



Tritanomaly
16AFB8

Monochromacy



Original Color
04B0B0



Achromatopsia
7D7D7D



Achromatomaly
519090

CSS Examples

Text

The CSS property to change the color of the text to Hex 04B0B0 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 #04B0B0 looks like.

```
.text, #text, p{  
    color:#04B0B0  
}
```

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 #04B0B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B0B0
}
```

Border

The CSS property to change the border of an element to Hex 04B0B0 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
#04B0B0 }
```

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

```
.border{ border-color:#04B0B0 }
```

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

Here you see how a box with a 4 pixel #04B0B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B0B0; -webkit-box-shadow:4px 4px  
4px 4px #04B0B0; box-shadow:4px 4px 4px  
4px #04B0B0 }
```

Background

The CSS property to change the background color of an element to Hex 04B0B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B0B0 }
```

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

```
.background{ background-color:#04B0B0 }
```

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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