

# Converting Colors

Hex(04B5AF)

Have a look what the booklet for  
Hex(04B5AF) contains.

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**Color**

**Hex(04B5AF)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 04B5AF                        |
| RGB         | 4, 181, 175                   |
| RGB Percent | 2%, 71%, 69%                  |
| CMY         | 0.9843, 0.2902, 0.3137        |
| CMYK        | 0.98, 0.00, 0.03, 0.29        |
| HSL         | 178°, 96%, 36%                |
| HSV         | 178°, 98%, 71%                |
| XYZ         | 24.3118, 36.1687, 46.2573     |
| YIQ         | 127.3930, -103.5660, -39.3900 |

# Conversions

## Conversions Part 2

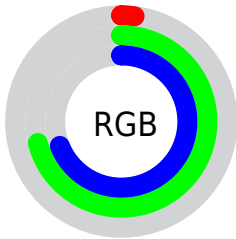
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 4, 94, 181                      |
| Decimal                             | 308655                          |
| CIELab                              | 66.65, -38.85, -7.85            |
| CIELCh                              | 67, 39.637, 191.426             |
| Yxy                                 | 36.1687, 0.2278,<br>0.3389      |
| Android<br>(android.graphics.Color) | 4278498735<br>(0xFF04B5AF)      |
| YUV                                 | 127.3930, 23.4703,<br>-108.2157 |
| Hunter-Lab                          | 60.1404, -33.0870,<br>-3.5049   |

# Details

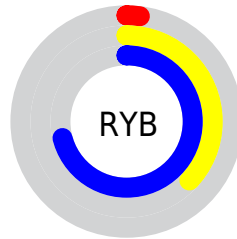
The Hex color **04B5AF** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B5040A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **64EEE6**, and **007F7B** is the 20% darker color. If you saturate the color by 10%, you get **00B5AF**, and if you desaturate by 10%, it is **16B5B0**.

# Distribution



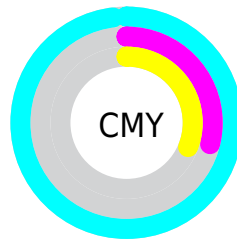
- Red (2%)
- Green (71%)
- Blue (69%)



- Red (2%)
- Yellow (37%)
- Blue (71%)



- Cyan (98%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (98%)
- Magenta (29%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04B5AF 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 04B5AF by changing the saturation by 10% instead.



 04B5AF

 04B5AF

FFFFFF

 009A94

 64EEE6

 007F7B

 83FFFF

 006662

 A2FFFF

 004D4A

 C1FFFF

 003534

 DFFFFF

 00201F

FEFFFF

 000005

 000000

 04B5AF

 04B5AF

■ 00B5AF

■ 16B5B0

■ 28B5B0

■ 3AB5B1

■ 4CB5B1

■ 5EB5B2

■ 71B5B3

■ 83B5B3

■ 95B5B4

■ A7B5B5

# Harmonies

## Analogous

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



56B38A



04B5AF



00B3D0

# Triad

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



04B5AF



B794D8



CC985F

# Complementary

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



04B5AF



B5040A

# 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.



E18C75



04B5AF



D989BA

# Square

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



04B5AF



83A1E8



E78696



ACA45B

# Rectangle

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



04B5AF



1BAFE0



E78696



D49464



# Sweetspot

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



04B5AF



A7EBE8



0DB504



4C7574



F5F5F5



757575



# Same Dimension

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



04B5AF



00EBE3



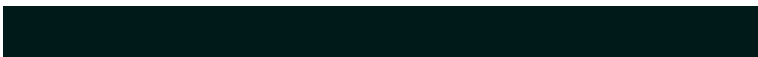
0465B5



505959



009994



001A19



# Inverse Universe

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



B5040A



EB0008



B55404



595051



990005



1A0001



# Previews

## White Background



This preview shows how the Hex color 04B5AF 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 04B5AF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

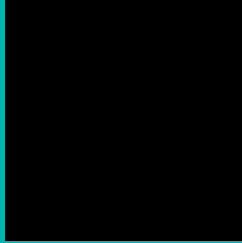
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 04B5AF Background



This preview shows how black text looks on a background with the Hex color 04B5AF.

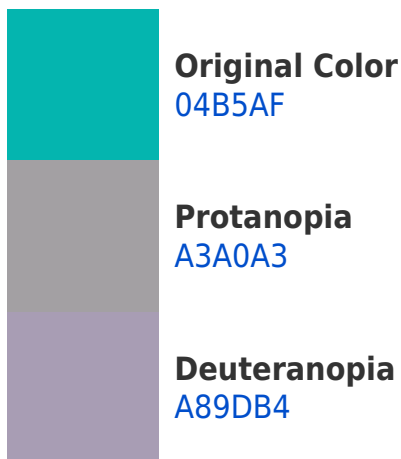


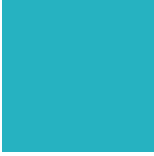
This preview shows how white text looks on a background with the Hex color 04B5AF.

# 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**  
26B2C1

# Trichromacy



**Original Color**  
04B5AF



**Protanomaly**  
69A8A7



**Deuteranomaly**  
6CA6B2



**Tritanomaly**  
1AB3BA

# Monochromacy



**Original Color**  
04B5AF



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
529390

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04B5AF 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 #04B5AF looks like.

```
.text, #text, p{  
    color:#04B5AF  
}
```

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 #04B5AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B5AF
}
```

## Border

The CSS property to change the border of an element to Hex 04B5AF 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
#04B5AF }
```

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

```
.border{ border-color:#04B5AF }
```

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

Here you see how a box with a 4 pixel #04B5AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B5AF; -webkit-box-shadow:4px 4px  
4px 4px #04B5AF; box-shadow:4px 4px 4px  
4px #04B5AF }
```

# Background

The CSS property to change the background color of an element to Hex 04B5AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B5AF }
```

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

```
.background{ background-color:#04B5AF }
```

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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