

# Converting Colors

Hex(04B2A4)

Have a look what the booklet for  
Hex(04B2A4) contains.

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**Color**

**Hex(04B2A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04B2A4
RGB	4, 178, 164
RGB Percent	2%, 70%, 64%
CMY	0.9843, 0.3020, 0.3569
CMYK	0.98, 0.00, 0.08, 0.30
HSL	175°, 96%, 36%
HSV	175°, 98%, 70%
XYZ	22.6713, 34.5469, 40.5953
YIQ	124.3780, -99.2100, -41.2420

# Conversions

## Conversions Part 2

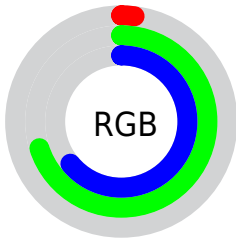
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 95, 178
Decimal	307876
CIELab	65.39, -40.75, -3.61
CIELCh	65, 40.911, 185.065
Yxy	34.5469, 0.2318, 0.3532
Android (android.graphics.Color)	4278497956 (0xFF04B2A4)
YUV	124.3780, 19.5336, -105.5715
Hunter-Lab	58.7766, -34.0082, 0.1938

# Details

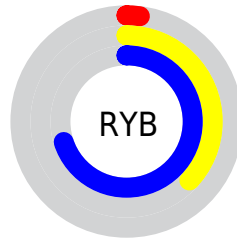
The Hex color **04B2A4** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B20412**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **62EADB**, and **007C70** is the 20% darker color. If you saturate the color by 10%, you get **00B2A4**, and if you desaturate by 10%, it is **16B2A5**.

# Distribution



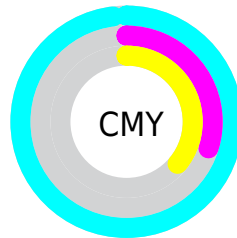
- Red (2%)
- Green (70%)
- Blue (64%)



- Red (2%)
- Yellow (37%)
- Blue (70%)



- Cyan (98%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (98%)
- Magenta (30%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04B2A4 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 04B2A4 by changing the saturation by 10% instead.





04B2A4



04B2A4

FFFFFF



00978A



62EADB



007C70



81FFF7



006358



A0FFFF



004A41



BEFFFF



00322B



DDEFFF



001C17



FBEFFF



000000



04B2A4



04B2A4



00B2A4



16B2A5

 28B2A7

 39B2A8

 4BB2AA

 5DB2AB

 6FB2AD

 81B2AE

 92B2AF

 A4B2B1

# Harmonies

## Analogous

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



5AAF7F



04B2A4



00B1C8

# Triad

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



04B2A4



AB93DB



CF925D

# Complementary

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



04B2A4



B20412

# 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.



E28677



04B2A4



D286BE

# Square

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



04B2A4



70A0E7



E4819A



B09F54

# Rectangle

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



04B2A4



00ADDA



E4819A



D78E64



# Sweetspot

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



04B2A4



A5E8E3



13B204



4C7572



F5F5F5



757575



# Same Dimension

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



04B2A4



00E8D5



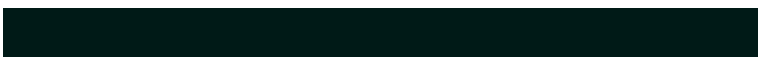
046AB2



505959



00998D



001A17



# Inverse Universe

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



B20412



E80013



B24D04



595051



99000C

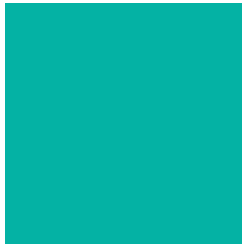


1A0002



# Previews

## White Background



This preview shows how the Hex color 04B2A4 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 04B2A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

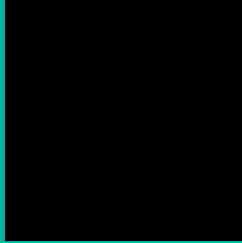
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

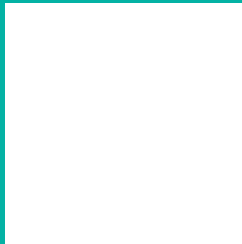
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 04B2A4 Background



This preview shows how black text looks on a background with the Hex color 04B2A4.

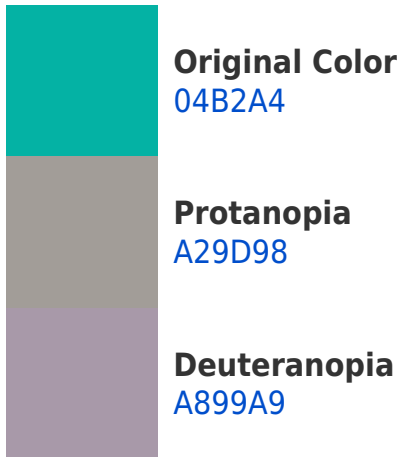


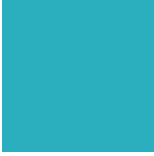
This preview shows how white text looks on a background with the Hex color 04B2A4.

# 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**  
04B2A4



**Protanomaly**  
69A59C



**Deuteranomaly**  
6CA2A7



**Tritanomaly**  
1DAFB4

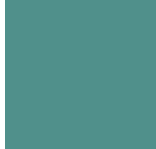
# Monochromacy



**Original Color**  
04B2A4



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
50908B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04B2A4 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 #04B2A4 looks like.

```
.text, #text, p{  
    color:#04B2A4  
}
```

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 #04B2A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B2A4
}
```

## Border

The CSS property to change the border of an element to Hex 04B2A4 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
#04B2A4 }
```

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

```
.border{ border-color:#04B2A4 }
```

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

Here you see how a box with a 4 pixel #04B2A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B2A4; -webkit-box-shadow:4px 4px  
4px 4px #04B2A4; box-shadow:4px 4px 4px  
4px #04B2A4 }
```

# Background

The CSS property to change the background color of an element to Hex 04B2A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B2A4 }
```

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

```
.background{ background-color:#04B2A4 }
```

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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