

Converting Colors

Hex(04B2C1)

Have a look what the booklet for
Hex(04B2C1) contains.

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Color

Hex(04B2C1)

Conversions

Conversions Part 1

Format	Color
Hex	04B2C1
RGB	4, 178, 193
RGB Percent	2%, 70%, 76%
CMY	0.9843, 0.3020, 0.2431
CMYK	0.98, 0.08, 0.00, 0.24
HSL	185°, 96%, 39%
HSV	185°, 98%, 76%
XYZ	25.5961, 35.7169, 55.9971
YIQ	127.6840, -108.5190, -32.2230

Conversions

Conversions Part 2

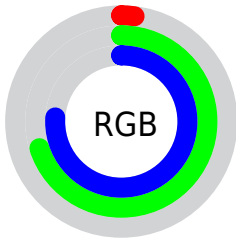
Format	Color
RYB	4, 95, 193
Decimal	307905
CIELab	66.30, -31.87, -18.34
CIELCh	66, 36.767, 209.914
Yxy	35.7169, 0.2182, 0.3045
Android (android.graphics.Color)	4278497985 (0xFF04B2C1)
YUV	127.6840, 32.2008, -108.4709
Hunter-Lab	59.7636, -28.1366, -13.7188

Details

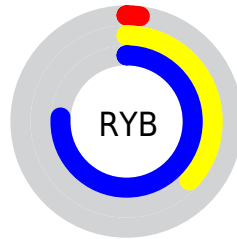
The Hex color **04B2C1** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **C11304**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **66EAF9**, and **007D8B** is the 20% darker color. If you saturate the color by 10%, you get **00B2C1**, and if you desaturate by 10%, it is **17B4C1**.

Distribution



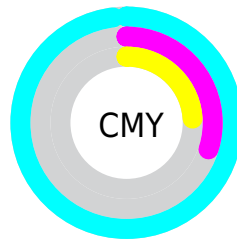
- Red (2%)
- Green (70%)
- Blue (76%)



- Red (2%)
- Yellow (37%)
- Blue (76%)



- Cyan (98%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04B2C1 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 04B2C1 by changing the saturation by 10% instead.

 04B2C1

 04B2C1

FFFFFF

 0097A6

 66EAF9

 007D8B

 86FFFF

 006372

 A5FFFF

 004B59

 C4FFFF

 003342

 E2FFFF

 00202C

 000117

 000000

 04B2C1

 04B2C1

■ 00B2C1

■ 17B4C1

■ 2BB5C1

■ 3EB7C1

■ 51B8C1

■ 64BAC1

■ 78BBC1

■ 8BBDC1

■ 9EBEC1

■ B2C0C1

Harmonies

Analogous

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



3FB3A0



04B2C1



33ADD9

Triad

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



04B2C1



CB8DC3



B79F5F

Complementary

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



04B2C1



C11304

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.



D29469



04B2C1



DF87A3

Square

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



04B2C1



A599DA



E08A82



95A967

Rectangle

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



04B2C1



5DA8E2



E08A82



C19B60

Sweetspot

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



04B2C1



B1F4FA



04C111



51797D



FCFCFC



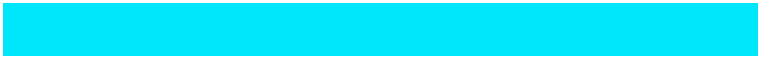
7D7D7D

Same Dimension

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



04B2C1



00E6FA



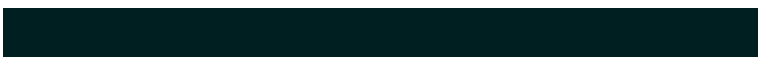
0456C1



576061



0094A1



001F21

Inverse Universe

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



C104B2



FA00E6



C16F04



615760



A10094



21001F

Previews

White Background



This preview shows how the Hex color 04B2C1 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 04B2C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

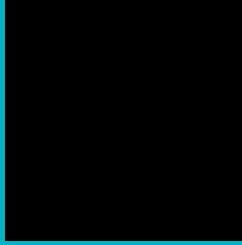
Any Text WCAG AA ✓ Pass

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 04B2C1 Background



This preview shows how black text looks on a background with the Hex color 04B2C1.

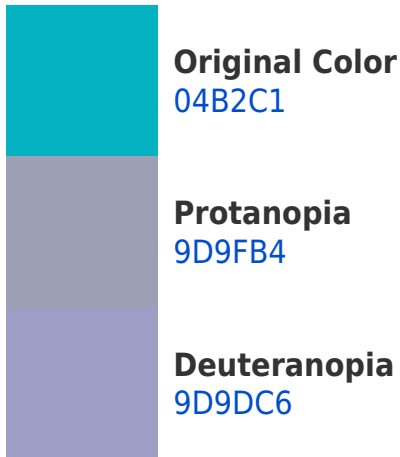


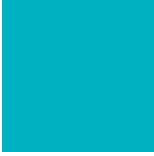
This preview shows how white text looks on a background with the Hex color 04B2C1.

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](#).

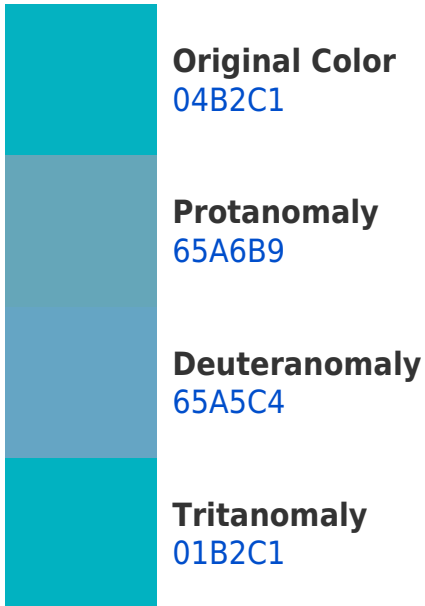
Dichromacy



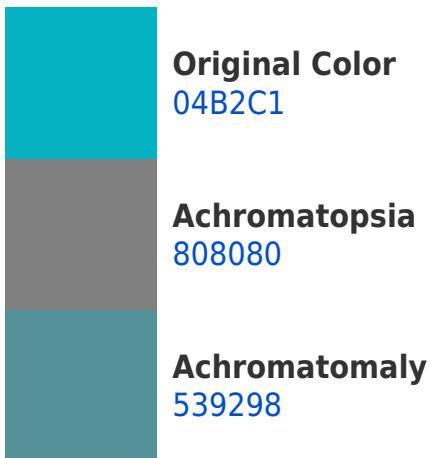


Tritanopia
00B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 04B2C1 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 #04B2C1 looks like.

```
.text, #text, p{  
    color:#04B2C1  
}
```

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 #04B2C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B2C1
}
```

Border

The CSS property to change the border of an element to Hex 04B2C1 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
#04B2C1 }
```

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

```
.border{ border-color:#04B2C1 }
```

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

Here you see how a box with a 4 pixel #04B2C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B2C1; -webkit-box-shadow:4px 4px  
4px 4px #04B2C1; box-shadow:4px 4px 4px  
4px #04B2C1 }
```

Background

The CSS property to change the background color of an element to Hex 04B2C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B2C1 }
```

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

```
.background{ background-color:#04B2C1 }
```

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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