

Converting Colors

Hex(04B04C)

Have a look what the booklet for
Hex(04B04C) contains.

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Color

Hex(04B04C)

Conversions

Conversions Part 1

Format	Color
Hex	04B04C
RGB	4, 176, 76
RGB Percent	2%, 69%, 30%
CMY	0.9843, 0.3098, 0.7020
CMYK	0.98, 0.00, 0.57, 0.31
HSL	145°, 96%, 35%
HSV	145°, 98%, 69%
XYZ	16.8799, 31.5983, 12.0469
YIQ	113.1720, -70.4120, -67.5640

Conversions

Conversions Part 2

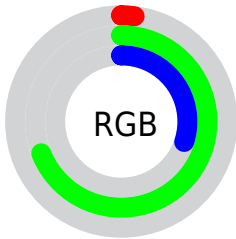
Format	Color
RYB	4, 125, 176
Decimal	307276
CIELab	63.01, -59.51, 40.21
CIELCh	63, 71.821, 145.954
Yxy	31.5983, 0.2789, 0.5221
Android (android.graphics.Color)	4278497356 (0xFF04B04C)
YUV	113.1720, -18.3258, -95.7438
Hunter-Lab	56.2123, -44.7702, 26.6422

Details

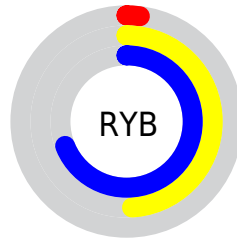
The Hex color **04B04C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B00468**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5FE97F**, and **007A19** is the 20% darker color. If you saturate the color by 10%, you get **00B04A**, and if you desaturate by 10%, it is **16B056**.

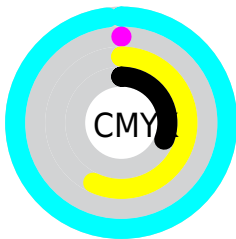
Distribution



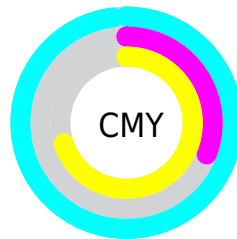
- Red (2%)
- Green (69%)
- Blue (30%)



- Red (2%)
- Yellow (49%)
- Blue (69%)



- Cyan (98%)
- Magenta (0%)
- Yellow (57%)
- Black (31%)



- Cyan (98%)
- Magenta (31%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04B04C 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 04B04C by changing the saturation by 10% instead.

 04B04C

 04B04C

FFFFFF

 009533

 5FE97F

 007A19

 7EFF9A

 006000

 9CFFB6

 004600

 BAFFD2

 003000

 D8FFEE

 001200

 F7FFFF

 000000

 04B04C

 04B04C

 00B04A

 16B056

 27B060

 39B06B

 4AB075

 5CB07F

 6EB089

 7FB094

 91B09E

 A2B0A8

Harmonies

Analogous

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



80A503



04B04C



00B58D

Triad

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



04B04C



00A3FF



FF5D65

Complementary

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



04B04C



B00468

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.



FF56A4



04B04C



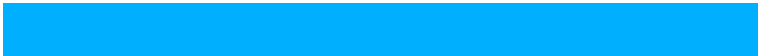
858BFF

Square

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



04B04C



00B0FF



DD6DE1



ED782B

Rectangle

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



04B04C



00B6BA



DD6DE1



FF5779

Sweetspot

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



04B04C



A3E6BF



68B004



4B735B



F2F2F2



737373

Same Dimension

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



04B04C



00E660



04B0A2



505954



009940



001A0B

Inverse Universe

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



B00468



E60085



B00412



595056



990059



1A000F

Previews

White Background



This preview shows how the Hex color 04B04C looks on a white background.

Color Contrast Check

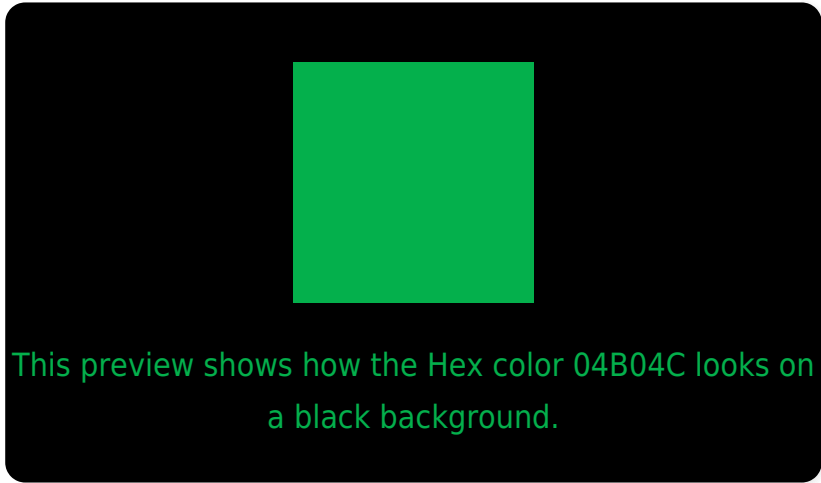
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 04B04C Background



This preview shows how black text looks on a background with the Hex color 04B04C.

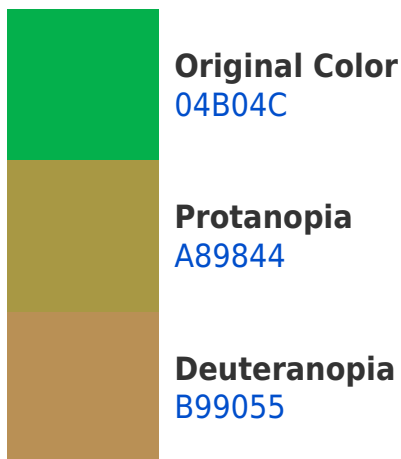


This preview shows how white text looks on a background with the Hex color 04B04C.

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](#).

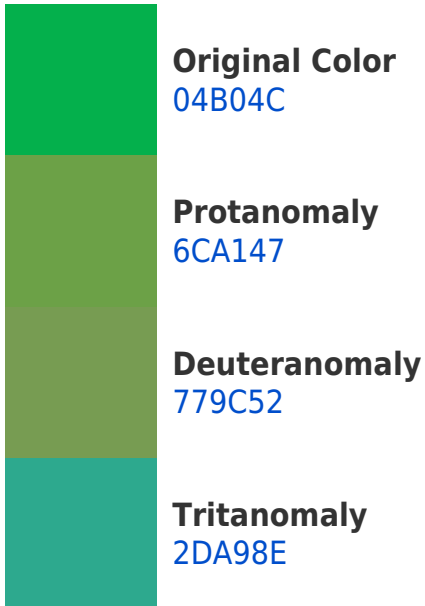
Dichromacy



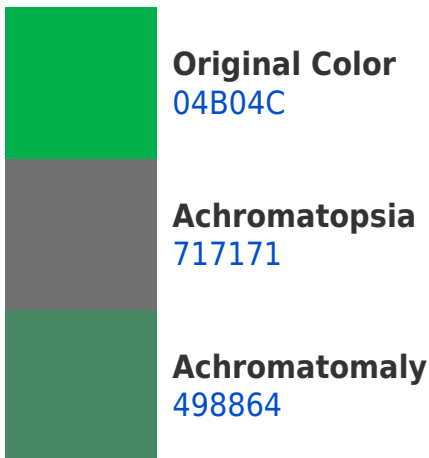


Tritanopia
45A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 04B04C 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 #04B04C looks like.

```
.text, #text, p{  
    color:#04B04C  
}
```

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 #04B04C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B04C
}
```

Border

The CSS property to change the border of an element to Hex 04B04C 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
#04B04C }
```

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

```
.border{ border-color:#04B04C }
```

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

Here you see how a box with a 4 pixel #04B04C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B04C; -webkit-box-shadow:4px 4px  
4px 4px #04B04C; box-shadow:4px 4px 4px  
4px #04B04C }
```

Background

The CSS property to change the background color of an element to Hex 04B04C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B04C }
```

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

```
.background{ background-color:#04B04C }
```

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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