

Converting Colors

Hex(04B56C)

Have a look what the booklet for
Hex(04B56C) contains.

Hex(04B56C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(04B56C)

Conversions

Conversions Part 1

Format	Color
Hex	04B56C
RGB	4, 181, 108
RGB Percent	2%, 71%, 42%
CMY	0.9843, 0.2902, 0.5765
CMYK	0.98, 0.00, 0.40, 0.29
HSL	155°, 96%, 36%
HSV	155°, 98%, 71%
XYZ	19.2807, 34.1563, 19.7640
YIQ	119.7550, -82.0590, -60.2270

Conversions

Conversions Part 2

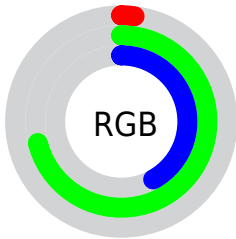
Format	Color
RYB	4, 115, 181
Decimal	308588
CIELab	65.09, -55.72, 26.56
CIElCh	65, 61.732, 154.513
Yxy	34.1563, 0.2634, 0.4666
Android (android.graphics.Color)	4278498668 (0xFF04B56C)
YUV	119.7550, -5.7952, -101.5171
Hunter-Lab	58.4434, -43.3880, 20.8601

Details

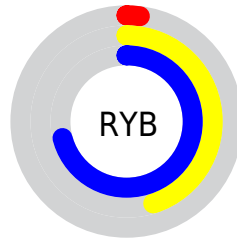
The Hex color **04B56C** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **B5044D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **60EEA0**, and **007F3B** is the 20% darker color. If you saturate the color by 10%, you get **00B56A**, and if you desaturate by 10%, it is **16B573**.

Distribution



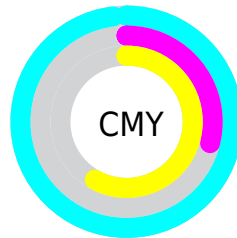
- Red (2%)
- Green (71%)
- Blue (42%)



- Red (2%)
- Yellow (45%)
- Blue (71%)



- Cyan (98%)
- Magenta (0%)
- Yellow (40%)
- Black (29%)



- Cyan (98%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04B56C 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 04B56C by changing the saturation by 10% instead.

 04B56C

 04B56C

FFFFFF

 009953

 60EEA0

 007F3B

 7FFFBB

 006424

 9DFFD7

 004B0D

 BBFFF4

 003400

 D9FFFF

 001A00

 F8FFFF

 000000

 04B56C

 04B56C

 00B56A

 16B573

 28B57B

 3AB582

 4CB58A

 5EB591

 71B599

 83B5A0

 95B5A8

 A7B5AF

Harmonies

Analogous

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



7AAD3C



04B56C



00B8A5

Triad

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



04B56C



24A2FF



FD7462

Complementary

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



04B56C



B5044D

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.



FF6A98



04B56C



AB8CFA

Square

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



04B56C



00B0FF



E775CF



E08A37

Rectangle

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



04B56C



00B8CA



E775CF



FF6E73

Sweetspot

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



04B56C



A7EBCF



4EB504



4C7564



F5F5F5



757575

Same Dimension

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



04B56C



00EB8A



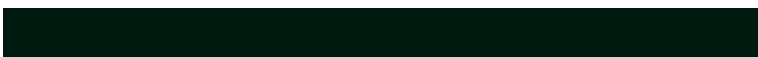
04A6B5



505956



00995A



001A0F

Inverse Universe

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



B5044D



EB0061



B51304



595054



99003F



1A000B

Previews

White Background



This preview shows how the Hex color 04B56C 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 04B56C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

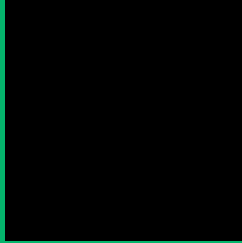
Any Text WCAG AA ✓ Pass

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 04B56C Background



This preview shows how black text looks on a background with the Hex color 04B56C.



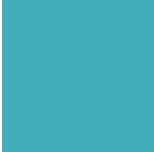
This preview shows how white text looks on a background with the Hex color 04B56C.

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
42ACBA

Trichromacy



Original Color
04B56C



Protanomaly
6EA666



Deuteranomaly
77A170



Tritanomaly
2BAF9E

Monochromacy



Original Color
04B56C



Achromatopsia
787878



Achromatomaly
4E8E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 04B56C 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 #04B56C looks like.

```
.text, #text, p{  
    color:#04B56C  
}
```

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 #04B56C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B56C
}
```

Border

The CSS property to change the border of an element to Hex 04B56C 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
#04B56C }
```

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

```
.border{ border-color:#04B56C }
```

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

Here you see how a box with a 4 pixel #04B56C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B56C; -webkit-box-shadow:4px 4px  
4px 4px #04B56C; box-shadow:4px 4px 4px  
4px #04B56C }
```

Background

The CSS property to change the background color of an element to Hex 04B56C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B56C }
```

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

```
.background{ background-color:#04B56C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor