

Converting Colors

Hex(00B56F)

Have a look what the booklet for
Hex(00B56F) contains.

Hex(00B56F)	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(00B56F)

Conversions

Conversions Part 1

Format	Color
Hex	00B56F
RGB	0, 181, 111
RGB Percent	0%, 71%, 44%
CMY	1.0000, 0.2902, 0.5647
CMYK	1.00, 0.00, 0.39, 0.29
HSL	157°, 100%, 35%
HSV	157°, 100%, 71%
XYZ	19.3931, 34.1954, 20.6172
YIQ	118.9010, -85.4060, -60.1420

Conversions

Conversions Part 2

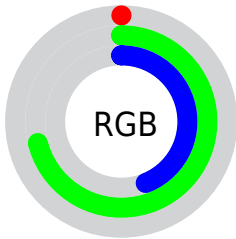
Format	Color
RYB	0, 112, 181
Decimal	46447
CIELab	65.12, -55.29, 25.01
CIELCh	65, 60.682, 155.659
Yxy	34.1954, 0.2613, 0.4608
Android (android.graphics.Color)	4278236527 (0xFF00B56F)
YUV	118.9010, -3.8952, -104.2762
Hunter-Lab	58.4769, -43.1373, 20.0299

Details

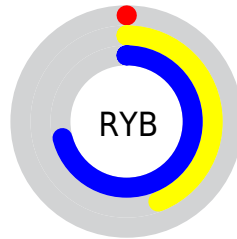
The Hex color **00B56F** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **B50046**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **5FEEA3**, and **007F3E** is the 20% darker color. If you saturate the color by 10%, you get **00B56F**, and if you desaturate by 10%, it is **12B576**.

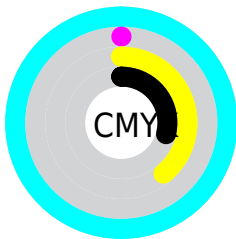
Distribution



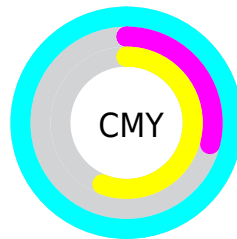
- Red (0%)
- Green (71%)
- Blue (44%)



- Red (0%)
- Yellow (44%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B56F 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 00B56F by changing the saturation by 10% instead.

 00B56F

 00B56F


FFFFFF

 009956

 5FEEA3

 007F3E

 7EFFBE

 006527

 9CFFDA

 004B11

 BBFFF7

 003400

 D9FFFF

 001A00

 F7FFFF

 000000

 00B56F

 12B576

 24B57D


 36B584

 48B58B

 5BB592

 6DB599

 7FB5A0

 91B5A7

 A3B5AE

Harmonies

Analogous

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



78AD3F



00B56F



00B8A7

Triad

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



00B56F



37A1FF



FB7662

Complementary

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



00B56F



B50046

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.



FF6B96



00B56F



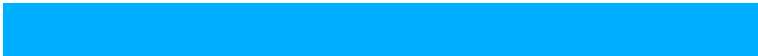
AE8BF7

Square

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



00B56F



00AFFF



E875CC



DE8B38

Rectangle

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



00B56F



00B8CC



E875CC



FF7072

Sweetspot

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



00B56F



A4EBCF



48B500



4B7565



F5F5F5



757575

Same Dimension

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



00B56F



00EB90



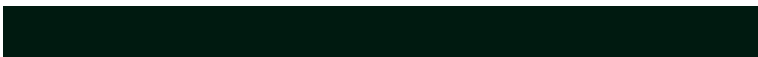
00A3B5



505956



00995E



001A10

Inverse Universe

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



B50046



EB005B



B51200



595054



99003B



1A000A

Previews

White Background



This preview shows how the Hex color 00B56F looks on a white background.

Color Contrast Check

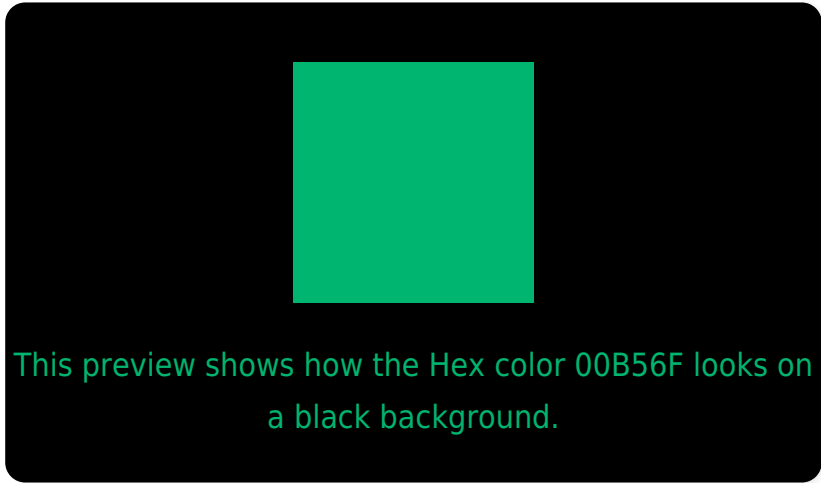
Large Text (above 18pt) WCAG AA × Fail

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 00B56F Background



This preview shows how black text looks on a background with the Hex color 00B56F.



This preview shows how white text looks on a background with the Hex color 00B56F.

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](#).

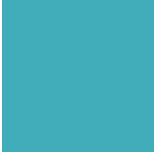
Dichromacy



Original Color
00B56F

Protanopia
AB9D65

Deuteranopia
B99676



Trichromacy



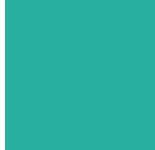
Original Color
00B56F



Protanomaly
6DA669



Deuteranomaly
76A173



Tritanomaly
29AF9F

Monochromacy



Original Color
00B56F



Achromatopsia
777777



Achromatomaly
4C8E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B56F 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 #00B56F looks like.

```
.text, #text, p{  
    color:#00B56F  
}
```

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 #00B56F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B56F
}
```

Border

The CSS property to change the border of an element to Hex 00B56F 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
#00B56F }
```

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

```
.border{ border-color:#00B56F }
```

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

Here you see how a box with a 4 pixel #00B56F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B56F; -webkit-box-shadow:4px 4px  
4px 4px #00B56F; box-shadow:4px 4px 4px  
4px #00B56F }
```

Background

The CSS property to change the background color of an element to Hex 00B56F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B56F }
```

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

```
.background{ background-color:#00B56F }
```

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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