

Converting Colors

Hex(00B76C)

Have a look what the booklet for
Hex(00B76C) contains.

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Color

Hex(00B76C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00B76C |
| RGB | 0, 183, 108 |
| RGB Percent | 0%, 72%, 42% |
| CMY | 1.0000, 0.2824, 0.5765 |
| CMYK | 1.00, 0.00, 0.41, 0.28 |
| HSL | 155°, 100%, 36% |
| HSV | 155°, 100%, 72% |
| XYZ | 19.6403, 34.9497, 19.8982 |
| YIQ | 119.7330, -84.9930, -62.1210 |

Conversions

Conversions Part 2

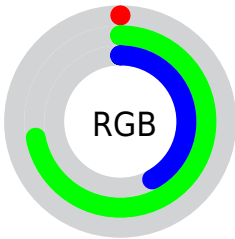
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 115, 183 |
| Decimal | 46956 |
| CIELab | 65.71, -56.59, 27.38 |
| CIELCh | 66, 62.871, 154.181 |
| Yxy | 34.9497, 0.2637, 0.4692 |
| Android (android.graphics.Color) | 4278237036 (0xFF00B76C) |
| YUV | 119.7330, -5.7844, -105.0058 |
| Hunter-Lab | 59.1183, -44.1557, 21.4268 |

Details

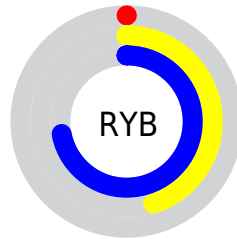
The Hex color **00B76C** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B7004B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **5FF0A0**, and **00803B** is the 20% darker color. If you saturate the color by 10%, you get **00B76C**, and if you desaturate by 10%, it is **12B773**.

Distribution



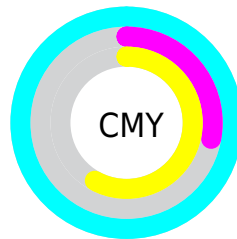
- Red (0%)
- Green (72%)
- Blue (42%)



- Red (0%)
- Yellow (45%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B76C 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 00B76C by changing the saturation by 10% instead.

 00B76C

 00B76C

FFFFFF

 009B53

 5FF0A0

 00803B

 7FFFBB

 006624

 9DFFD7

 004D0D

 BBFFF4

 003500

 DAFFF4

 001C00

 F8FFFF

 000000

 00B76C

 12B773

 25B77B

 37B782

 49B78A

 5CB792

 6EB799

 80B7A1

 92B7A8

 A5B7B0

Harmonies

Analogous

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



7BAE3B



00B76C



00BBA6

Triad

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



00B76C



18A3FF



FF7463

Complementary

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



00B76C



B7004B

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.



FF6A9A



00B76C



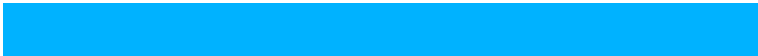
AB8DFD

Square

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



00B76C



00B2FF



EA75D2



E38A37

Rectangle

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



00B76C



00BACC



EA75D2



FF6F75

Sweetspot

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



00B76C



A6EDD0



4CB700



4D7866



F7F7F7



787878

Same Dimension

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



00B76C



00ED8C



00A8B7



535C58



009C5C



001C11

Inverse Universe

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



B7004B



ED0061



B70F00



5C5356



9C0040



1C000B

Previews

White Background



This preview shows how the Hex color 00B76C looks on a white background.

Color Contrast Check

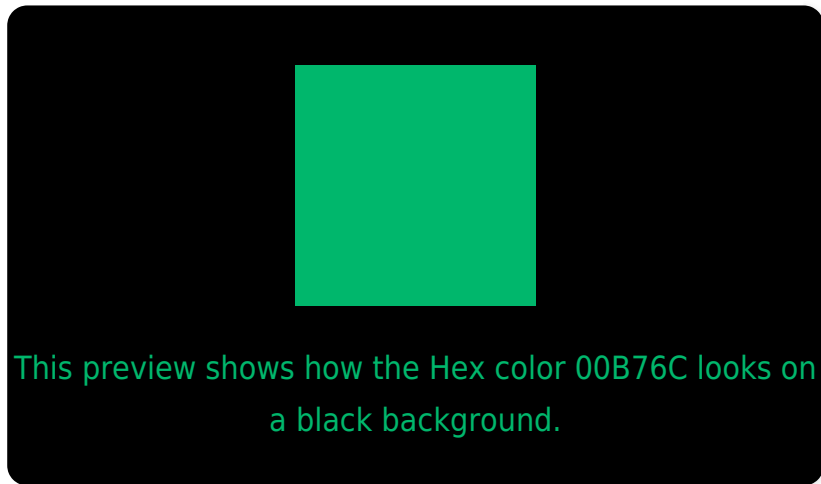
Large Text (above 18pt) WCAG AA × Fail

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 00B76C Background



This preview shows how black text looks on a background with the Hex color 00B76C.



This preview shows how white text looks on a background with the Hex color 00B76C.

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
00B76C

Protanopia
AD9E62

Deuteranopia
BC9873



Tritanopia
43AEBC

Trichromacy



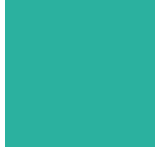
Original Color
00B76C



Protanomaly
6EA766



Deuteranomaly
78A370



Tritanomaly
2BB19F

Monochromacy



Original Color
00B76C



Achromatopsia
787878



Achromatomaly
4C8F74

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B76C 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 #00B76C looks like.

```
.text, #text, p{  
    color:#00B76C  
}
```

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 #00B76C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B76C
}
```

Border

The CSS property to change the border of an element to Hex 00B76C 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
#00B76C }
```

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

```
.border{ border-color:#00B76C }
```

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

Here you see how a box with a 4 pixel #00B76C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B76C; -webkit-box-shadow:4px 4px  
4px 4px #00B76C; box-shadow:4px 4px 4px  
4px #00B76C }
```

Background

The CSS property to change the background color of an element to Hex 00B76C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B76C }
```

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

```
.background{ background-color:#00B76C }
```

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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