

Converting Colors

Hex(00B16C)

Have a look what the booklet for
Hex(00B16C) contains.

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Color

Hex(00B16C)

Conversions

Conversions Part 1

Format	Color
Hex	00B16C
RGB	0, 177, 108
RGB Percent	0%, 69%, 42%
CMY	1.0000, 0.3059, 0.5765
CMYK	1.00, 0.00, 0.39, 0.31
HSL	157°, 100%, 35%
HSV	157°, 100%, 69%
XYZ	18.4289, 32.5270, 19.4944
YIQ	116.2110, -83.3430, -58.9830

Conversions

Conversions Part 2

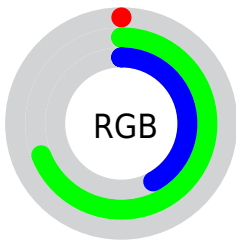
Format	Color
RYB	0, 110, 177
Decimal	45420
CIELab	63.78, -54.47, 24.82
CIELCh	64, 59.857, 155.501
Yxy	32.5270, 0.2616, 0.4617
Android (android.graphics.Color)	4278235500 (0xFF00B16C)
YUV	116.2110, -4.0480, -101.9170
Hunter-Lab	57.0324, -42.1280, 19.6567

Details

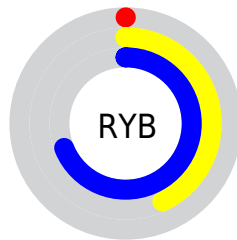
The Hex color **00B16C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B10045**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5EEAA0**, and **007B3C** is the 20% darker color. If you saturate the color by 10%, you get **00B16C**, and if you desaturate by 10%, it is **12B173**.

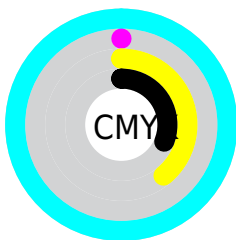
Distribution



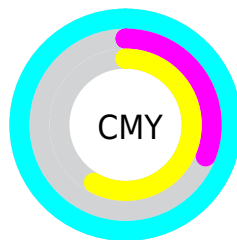
- Red (0%)
- Green (69%)
- Blue (42%)



- Red (0%)
- Yellow (43%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B16C 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 00B16C by changing the saturation by 10% instead.

 00B16C

 00B16C

FFFFFF

 009653

 5EEAA0

 007B3C

 7DFFBB

 006125

 9BFFD7

 00480E

 B9FFF4

 003100

 D7FFFF

 001600

 F6FFFF

 000000

 00B16C

 12B173

 23B17A

 35B181

 47B188

 59B18F

 6AB195

 7CB19C

 8EB1A3

 9FB1AA

Harmonies

Analogous

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



76A93D



00B16C



00B4A3

Triad

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



00B16C



339DFF



F5735F

Complementary

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



00B16C



B10045

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.



FB6893



00B16C



A988F2

Square

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



00B16C



00ACFB



E372C8



D98736

Rectangle

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



00B16C



00B4C7



E372C8



FA6D70

Sweetspot

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



00B16C



A1E6CB



47B100



497363



F2F2F2



737373

Same Dimension

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



00B16C



00E68C



009FB1



505956



00995D



001A10

Inverse Universe

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



B10045



E60059



B11200



595054



99003C



1A000A

Previews

White Background



This preview shows how the Hex color 00B16C looks on a white background.

Color Contrast Check

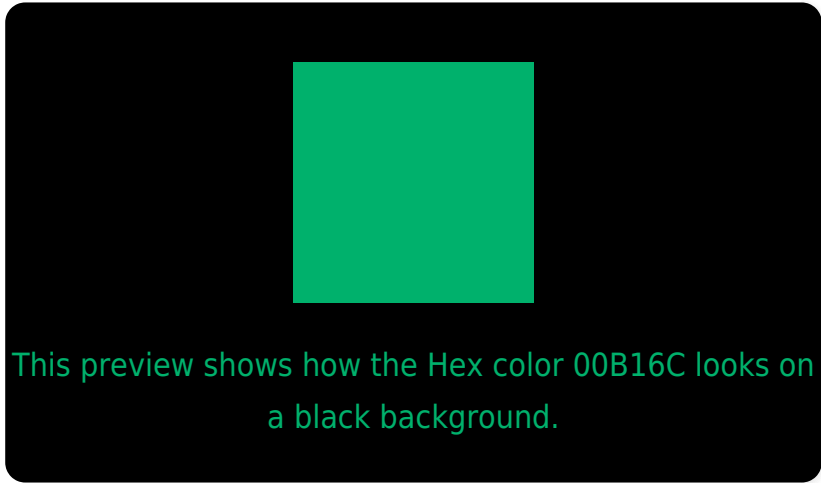
Large Text (above 18pt) WCAG AA × Fail

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 00B16C Background



This preview shows how black text looks on a background with the Hex color 00B16C.



This preview shows how white text looks on a background with the Hex color 00B16C.

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
40A8B6

Trichromacy



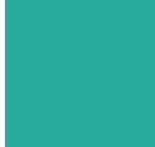
Original Color
00B16C



Protanomaly
6AA266



Deuteranomaly
739E70



Tritanomaly
29AB9B

Monochromacy



Original Color
00B16C



Achromatopsia
747474



Achromatomaly
4A8A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B16C 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 #00B16C looks like.

```
.text, #text, p{  
    color:#00B16C  
}
```

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 #00B16C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B16C
}
```

Border

The CSS property to change the border of an element to Hex 00B16C 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
#00B16C }
```

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

```
.border{ border-color:#00B16C }
```

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

Here you see how a box with a 4 pixel #00B16C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B16C; -webkit-box-shadow:4px 4px  
4px 4px #00B16C; box-shadow:4px 4px 4px  
4px #00B16C }
```

Background

The CSS property to change the background color of an element to Hex 00B16C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B16C }
```

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

```
.background{ background-color:#00B16C }
```

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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