

Converting Colors

Hex(00B16F)

Have a look what the booklet for
Hex(00B16F) contains.

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Color

Hex(00B16F)

Conversions

Conversions Part 1

Format	Color
Hex	00B16F
RGB	0, 177, 111
RGB Percent	0%, 69%, 44%
CMY	1.0000, 0.3059, 0.5647
CMYK	1.00, 0.00, 0.37, 0.31
HSL	158°, 100%, 35%
HSV	158°, 100%, 69%
XYZ	18.5914, 32.5920, 20.3499
YIQ	116.5530, -84.3060, -58.0500

Conversions

Conversions Part 2

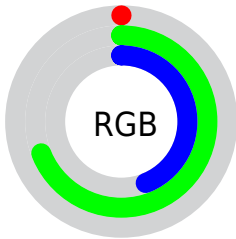
Format	Color
RYB	0, 109, 177
Decimal	45423
CIELab	63.83, -53.85, 23.29
CIELCh	64, 58.669, 156.613
Yxy	32.5920, 0.2599, 0.4556
Android (android.graphics.Color)	4278235503 (0xFF00B16F)
YUV	116.5530, -2.7376, -102.2170
Hunter-Lab	57.0894, -41.7772, 18.8282

Details

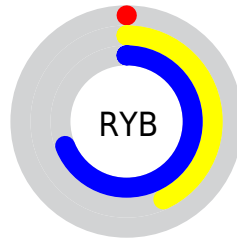
The Hex color **00B16F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B10042**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5EEAA3**, and **007B3E** is the 20% darker color. If you saturate the color by 10%, you get **00B16F**, and if you desaturate by 10%, it is **12B176**.

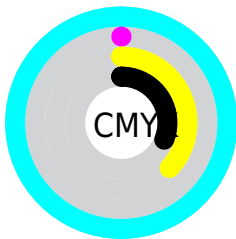
Distribution



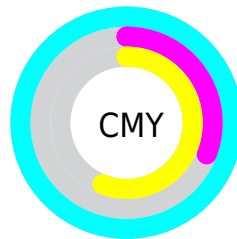
- Red (0%)
- Green (69%)
- Blue (44%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B16F 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 00B16F by changing the saturation by 10% instead.

 00B16F

 00B16F

FFFFFF

 009656

 5EEAA3

 007B3E

 7DFFBE

 006128

 9BFFDA

 004812

 B9FFF7

 003100

 D7FFFF

 001600

 F6FFFF

 000000

 00B16F

 12B176

 23B17C

 35B183

 47B189

 59B190

 6AB197

 7CB19D

 8EB1A4

 9FB1AA

Harmonies

Analogous

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



75A941



00B16F



00B4A5

Triad

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



00B16F



419DFF



F4755F

Complementary

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



00B16F



B10042

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.



FA6A91



00B16F



AC88EF

Square

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



00B16F



00ABFA



E373C5



D78938

Rectangle

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



00B16F



00B3C8



E373C5



F86F6F

Sweetspot

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



00B16F



A1E6CC



44B100



497363



F2F2F2



737373

Same Dimension

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



00B16F



00E690



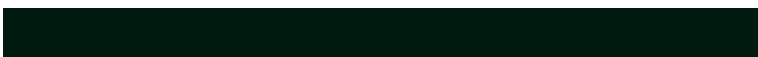
009CB1



505956



009960



001A10

Inverse Universe

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



B10042



E60056



B11500



595054



990039



1A000A

Previews

White Background



This preview shows how the Hex color 00B16F looks on a white background.

Color Contrast Check

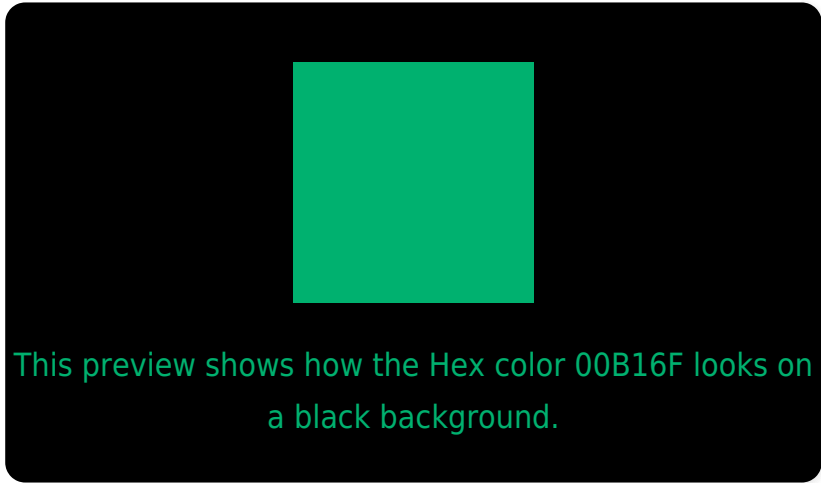
Large Text (above 18pt) WCAG AA × Fail

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 00B16F Background



This preview shows how black text looks on a background with the Hex color 00B16F.

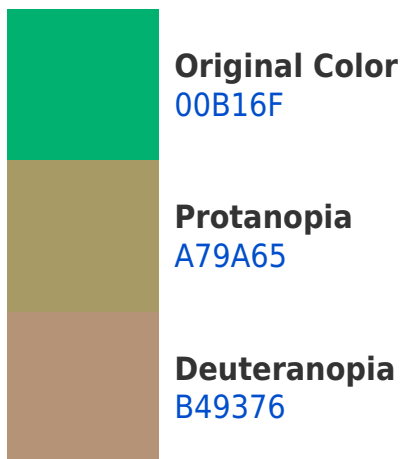


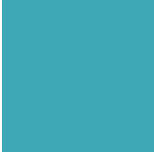
This preview shows how white text looks on a background with the Hex color 00B16F.

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](#).

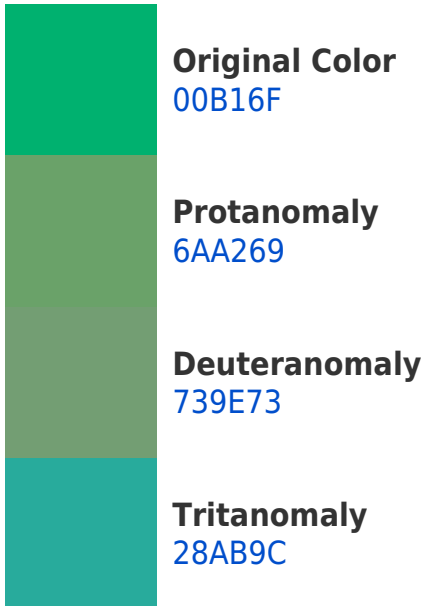
Dichromacy



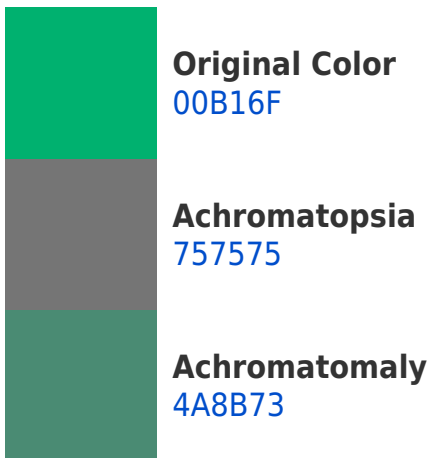


Tritanopia
3FA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00B16F 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 #00B16F looks like.

```
.text, #text, p{  
    color:#00B16F  
}
```

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 #00B16F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B16F
}
```

Border

The CSS property to change the border of an element to Hex 00B16F 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
#00B16F }
```

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

```
.border{ border-color:#00B16F }
```

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

Here you see how a box with a 4 pixel #00B16F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B16F; -webkit-box-shadow:4px 4px  
4px 4px #00B16F; box-shadow:4px 4px 4px  
4px #00B16F }
```

Background

The CSS property to change the background color of an element to Hex 00B16F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B16F }
```

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

```
.background{ background-color:#00B16F }
```

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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