

Converting Colors

Hex(00BB48)

Have a look what the booklet for
Hex(00BB48) contains.

Hex(00BB48)	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(00BB48)

Conversions

Conversions Part 1

Format	Color
Hex	00BB48
RGB	0, 187, 72
RGB Percent	0%, 73%, 28%
CMY	1.0000, 0.2667, 0.7176
CMYK	1.00, 0.00, 0.61, 0.27
HSL	143°, 100%, 37%
HSV	143°, 100%, 73%
XYZ	18.9400, 36.0085, 12.0830
YIQ	117.9770, -74.5370, -75.4090

Conversions

Conversions Part 2

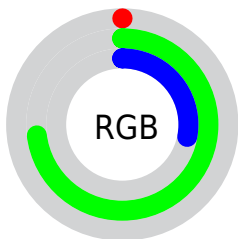
Format	Color
RYB	0, 135, 187
Decimal	47944
CIELab	66.53, -63.67, 46.18
CIELCh	67, 78.654, 144.049
Yxy	36.0085, 0.2826, 0.5372
Android (android.graphics.Color)	4278238024 (0xFF00BB48)
YUV	117.9770, -22.6667, -103.4658
Hunter-Lab	60.0071, -48.6725, 30.0664

Details

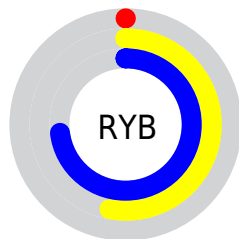
The Hex color **00BB48** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BB0073**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **62F57C**, and **008411** is the 20% darker color. If you saturate the color by 10%, you get **00BB48**, and if you desaturate by 10%, it is **13BB54**.

Distribution



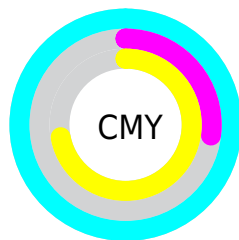
- Red (0%)
- Green (73%)
- Blue (28%)



- Red (0%)
- Yellow (53%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BB48 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 00BB48 by changing the saturation by 10% instead.

 00BB48

 00BB48

FFFFFF

 009F2E


 62F57C

 008411

 81FF97

 006A00

 A0FFB3

 005000

 BFFFCF

 003800

 DDF FEC

 001F00

 FCFFFF

 000000

 00BB48

 13BB54

 25BB5F

 38BB6B

 4BBB76

 5EBB82

 70BB8D

 83BB99

 96BBA4

 A8BBB0

Harmonies

Analogous

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



8BAF00



00BB48



00C191

Triad

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



00BB48



00AFFF



FF5C6D

Complementary

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



00BB48



BB0073

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.



FF56B3



00BB48



8095FF

Square

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



00BB48



00BDFE



E872F6



FF7C2B

Rectangle

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



00BB48



00C2C2



E872F6



FF5684

Sweetspot

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



00BB48



AAF2C6



73BB00



4E7A5F



FAFAFA



7A7A7A

Same Dimension

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



00BB48



00F25D



00BBA5



555E59



009E3D



001F0C

Inverse Universe

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



BB0073



F20095



BB0016



5E555B



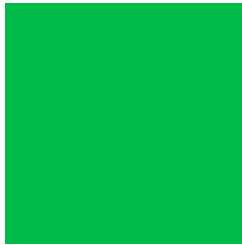
9E0061



1F0013

Previews

White Background



This preview shows how the Hex color 00BB48 looks on a white background.

Color Contrast Check

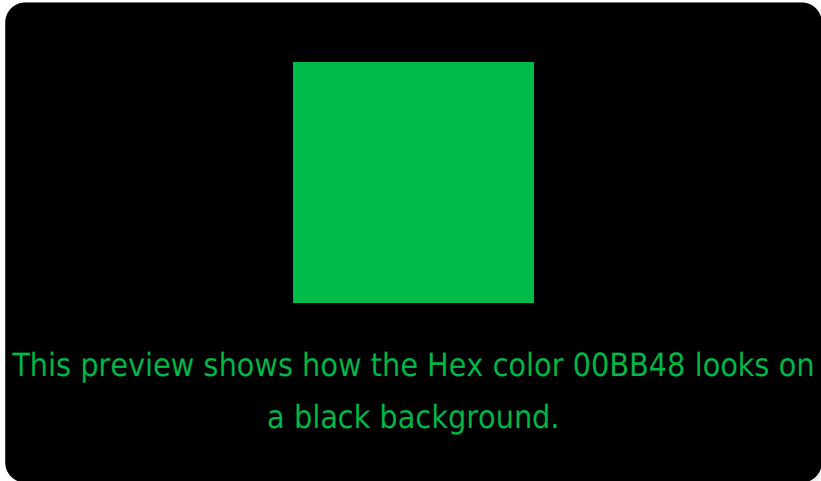
Large Text (above 18pt) WCAG AA × Fail

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 00BB48 Background



This preview shows how black text looks on a background with the Hex color 00BB48.

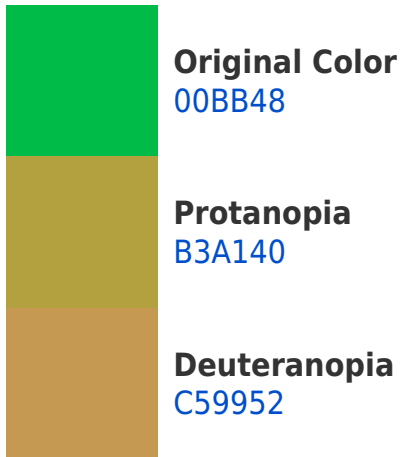


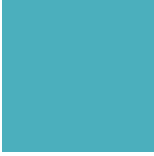
This preview shows how white text looks on a background with the Hex color 00BB48.

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
4BAFBD

Trichromacy



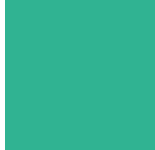
Original Color
00BB48



Protanomaly
72AA43



Deuteranomaly
7DA54E



Tritanomaly
30B392

Monochromacy



Original Color
00BB48



Achromatopsia
767676



Achromatomaly
4B8F65

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BB48 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 #00BB48 looks like.

```
.text, #text, p{  
    color:#00BB48  
}
```

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 #00BB48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BB48
}
```

Border

The CSS property to change the border of an element to Hex 00BB48 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
#00BB48 }
```

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

```
.border{ border-color:#00BB48 }
```

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

Here you see how a box with a 4 pixel #00BB48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BB48; -webkit-box-shadow:4px 4px  
4px 4px #00BB48; box-shadow:4px 4px 4px  
4px #00BB48 }
```

Background

The CSS property to change the background color of an element to Hex 00BB48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BB48 }
```

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

```
.background{ background-color:#00BB48 }
```

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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