

Converting Colors

Hex(00BE48)

Have a look what the booklet for
Hex(00BE48) contains.

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Color

Hex(00BE48)

Conversions

Conversions Part 1

Format	Color
Hex	00BE48
RGB	0, 190, 72
RGB Percent	0%, 75%, 28%
CMY	1.0000, 0.2549, 0.7176
CMYK	1.00, 0.00, 0.62, 0.25
HSL	143°, 100%, 37%
HSV	143°, 100%, 75%
XYZ	19.5832, 37.2948, 12.2974
YIQ	119.7380, -75.3620, -76.9780

Conversions

Conversions Part 2

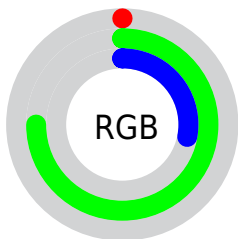
Format	Color
RYB	0, 138, 190
Decimal	48712
CIELab	67.50, -64.59, 47.29
CIELCh	67, 80.048, 143.792
Yxy	37.2948, 0.2831, 0.5391
Android (android.graphics.Color)	4278238792 (0xFF00BE48)
YUV	119.7380, -23.5348, -105.0102
Hunter-Lab	61.0695, -49.6319, 30.8096

Details

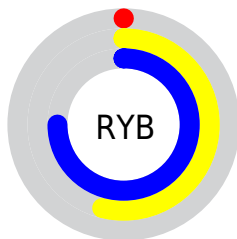
The Hex color **00BE48** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BE0076**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **63F87C**, and **008710** is the 20% darker color. If you saturate the color by 10%, you get **00BE48**, and if you desaturate by 10%, it is **13BE54**.

Distribution



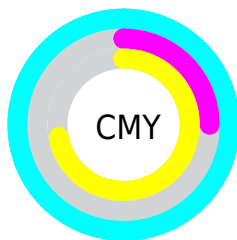
- Red (0%)
- Green (75%)
- Blue (28%)



- Red (0%)
- Yellow (54%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BE48 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 00BE48 by changing the saturation by 10% instead.

 00BE48

 00BE48

FFFFFF

 00A22E

 63F87C

 008710

 82FF97

 006C00

 A1FFB3

 005200

 C0FFCF

 003A00

 DFFFEC

 002100

FDFFFF

 000000

 00BE48

 13BE54

 26BE60

 39BE6B

 4CBE77

 5FBE83

 72BE8F

 85BE9B

 98BEA6

 ABBEB2

Harmonies

Analogous

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



8EB200



00BE48



00C493

Triad

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



00BE48



00B2FF



FF5D6F

Complementary

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



00BE48



BE0076

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.



FF57B7



00BE48



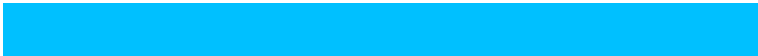
8198FF

Square

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



00BE48



00C0FF



EC74FB



FF7D2B

Rectangle

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



00BE48



00C5C5



EC74FB



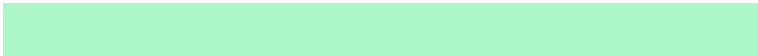
FF5686

Sweetspot

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



00BE48



ADF7C9



78BE00



507D61



FCFCFC



7D7D7D

Same Dimension

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



00BE48



00F75E



00BEA5



555E58



009E3C



001F0C

Inverse Universe

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



BE0076



F7009A



BE0019



5E555B



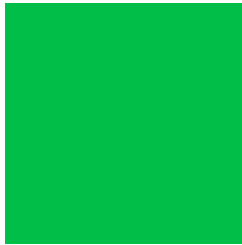
9E0062



1F0013

Previews

White Background



This preview shows how the Hex color 00BE48 looks on a white background.

Color Contrast Check

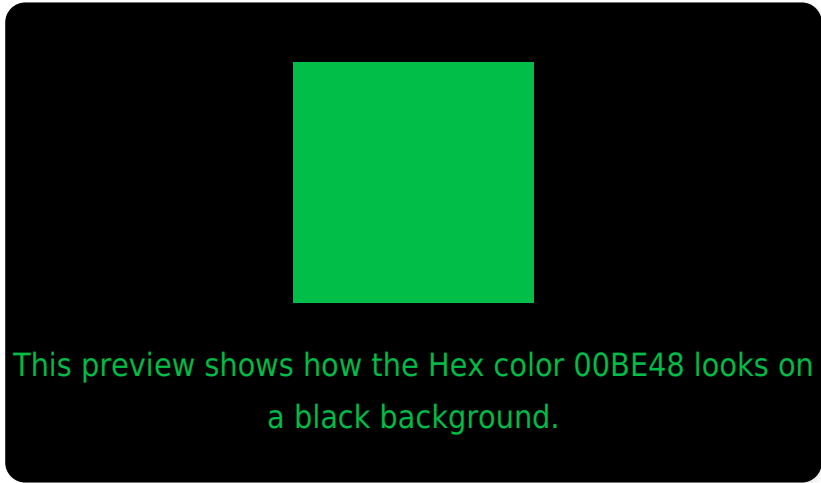
Large Text (above 18pt) WCAG AA × Fail

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 00BE48 Background



This preview shows how black text looks on a background with the Hex color 00BE48.

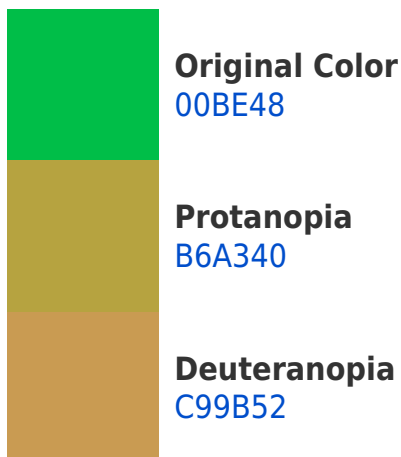


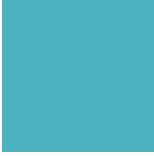
This preview shows how white text looks on a background with the Hex color 00BE48.

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
4CB2C0

Trichromacy



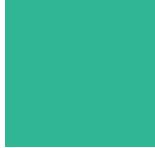
Original Color
00BE48



Protanomaly
74AD43



Deuteranomaly
80A84E



Tritanomaly
30B694

Monochromacy



Original Color
00BE48



Achromatopsia
787878



Achromatomaly
4C9167

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BE48 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 #00BE48 looks like.

```
.text, #text, p{  
    color:#00BE48  
}
```

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 #00BE48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BE48
}
```

Border

The CSS property to change the border of an element to Hex 00BE48 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
#00BE48 }
```

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

```
.border{ border-color:#00BE48 }
```

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

Here you see how a box with a 4 pixel #00BE48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BE48; -webkit-box-shadow:4px 4px  
4px 4px #00BE48; box-shadow:4px 4px 4px  
4px #00BE48 }
```

Background

The CSS property to change the background color of an element to Hex 00BE48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BE48 }
```

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

```
.background{ background-color:#00BE48 }
```

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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