

Converting Colors

Hex(00BE4D)

Have a look what the booklet for
Hex(00BE4D) contains.

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Color

Hex(00BE4D)

Conversions

Conversions Part 1

Format	Color
Hex	00BE4D
RGB	0, 190, 77
RGB Percent	0%, 75%, 30%
CMY	1.0000, 0.2549, 0.6980
CMYK	1.00, 0.00, 0.59, 0.25
HSL	144°, 100%, 37%
HSV	144°, 100%, 75%
XYZ	19.7530, 37.3627, 13.1918
YIQ	120.3080, -76.9670, -75.4230

Conversions

Conversions Part 2

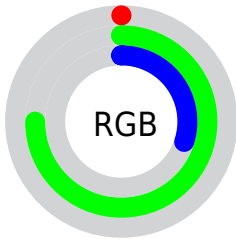
Format	Color
RYB	0, 135, 190
Decimal	48717
CIELab	67.55, -63.96, 45.08
CIELCh	68, 78.250, 144.819
Yxy	37.3627, 0.2810, 0.5314
Android (android.graphics.Color)	4278238797 (0xFF00BE4D)
YUV	120.3080, -21.3508, -105.5101
Hunter-Lab	61.1251, -49.2853, 29.9918

Details

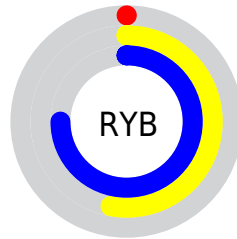
The Hex color **00BE4D** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BE0071**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **62F881**, and **008718** is the 20% darker color. If you saturate the color by 10%, you get **00BE4D**, and if you desaturate by 10%, it is **13BE58**.

Distribution



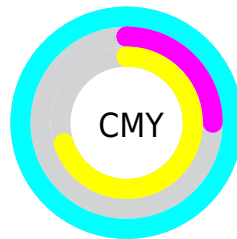
- Red (0%)
- Green (75%)
- Blue (30%)



- Red (0%)
- Yellow (53%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BE4D 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 00BE4D by changing the saturation by 10% instead.

 00BE4D

 00BE4D

FFFFFF

 00A233

 62F881

 008718

 82FF9C

 006C00

 A1FFB8

 005200

 C0FFD4

 003A00

 DEFFF1

 002200

FDFFFF

 000000

 00BE4D

 13BE58

 26BE64

 39BE6F

 4CBE7A

 5FBE86

 72BE91

 85BE9C

 98BEA7

 ABBEB3

Harmonies

Analogous

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



8CB200



00BE4D



00C496

Triad

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



00BE4D



00B1FF



FF606E

Complementary

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



00BE4D



BE0071

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.



FF5AB4



00BE4D



8897FF

Square

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



00BE4D



00BFFF



ED75F7



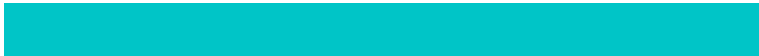
FF7F2D

Rectangle

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



00BE4D



00C5C7



ED75F7



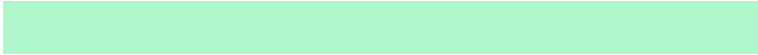
FF5A85

Sweetspot

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



00BE4D



ADF7CB



72BE00



507D62



FCFCFC



7D7D7D

Same Dimension

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



00BE4D



00F764



00BEAB



555E59



009E40



001F0C

Inverse Universe

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



BE0071



F70093



BE0013



5E555B



9E005E



1F0012

Previews

White Background



This preview shows how the Hex color 00BE4D 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



This preview shows how the Hex color 00BE4D looks on a 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 00BE4D Background



This preview shows how black text looks on a background with the Hex color 00BE4D.

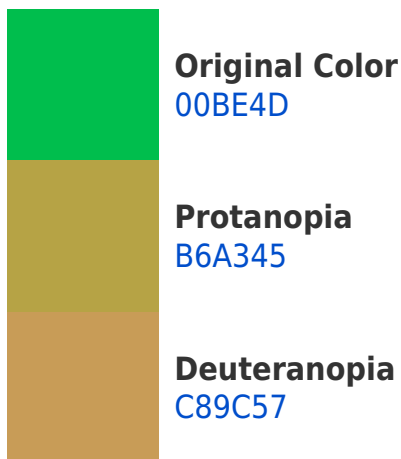


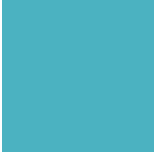
This preview shows how white text looks on a background with the Hex color 00BE4D.

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
4BB2C1

Trichromacy



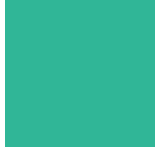
Original Color
00BE4D



Protanomaly
74AD48



Deuteranomaly
7FA853



Tritanomaly
30B697

Monochromacy



Original Color
00BE4D



Achromatopsia
787878



Achromatomaly
4C9168

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BE4D 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 #00BE4D looks like.

```
.text, #text, p{  
    color:#00BE4D  
}
```

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 #00BE4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BE4D
}
```

Border

The CSS property to change the border of an element to Hex 00BE4D 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
#00BE4D }
```

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

```
.border{ border-color:#00BE4D }
```

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

Here you see how a box with a 4 pixel #00BE4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BE4D; -webkit-box-shadow:4px 4px  
4px 4px #00BE4D; box-shadow:4px 4px 4px  
4px #00BE4D }
```

Background

The CSS property to change the background color of an element to Hex 00BE4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BE4D }
```

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

```
.background{ background-color:#00BE4D }
```

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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