

Converting Colors

Hex(00BE4B)

Have a look what the booklet for
Hex(00BE4B) contains.

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Color

Hex(00BE4B)

Conversions

Conversions Part 1

Format	Color
Hex	00BE4B
RGB	0, 190, 75
RGB Percent	0%, 75%, 29%
CMY	1.0000, 0.2549, 0.7059
CMYK	1.00, 0.00, 0.61, 0.25
HSL	144°, 100%, 37%
HSV	144°, 100%, 75%
XYZ	19.6835, 37.3349, 12.8255
YIQ	120.0800, -76.3250, -76.0450

Conversions

Conversions Part 2

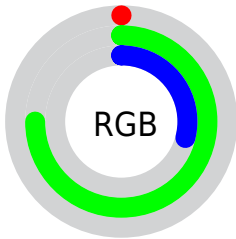
Format	Color
RYB	0, 136, 190
Decimal	48715
CIELab	67.53, -64.21, 45.97
CIELCh	68, 78.975, 144.400
Yxy	37.3349, 0.2818, 0.5345
Android (android.graphics.Color)	4278238795 (0xFF00BE4B)
YUV	120.0800, -22.2244, -105.3102
Hunter-Lab	61.1023, -49.4272, 30.3265

Details

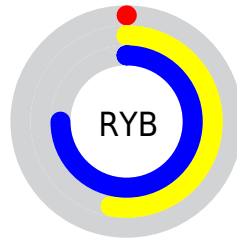
The Hex color **00BE4B** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BE0073**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **62F87F**, and **008715** is the 20% darker color. If you saturate the color by 10%, you get **00BE4B**, and if you desaturate by 10%, it is **13BE57**.

Distribution



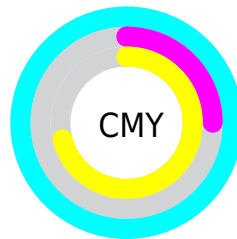
- Red (0%)
- Green (75%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BE4B 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 00BE4B by changing the saturation by 10% instead.

 00BE4B

 00BE4B

FFFFFF

 00A231

 62F87F

 008715

 82FF9A

 006C00

 A1FFB6

 005200

 C0FFD2

 003A00

 DEFFE7

 002200

FDFEFF

 000000

 00BE4B

 13BE57

 26BE62

 39BE6E

 4CBE79

 5FBE85

 72BE90

 85BE9C

 98BEA7

 ABBEB3

Harmonies

Analogous

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



8DB200



00BE4B



00C494

Triad

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



00BE4B



00B1FF



FF5F6E

Complementary

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



00BE4B



BE0073

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.



FF58B5



00BE4B



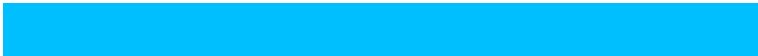
8597FF

Square

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



00BE4B



00BFFF



EC75F8



FF7E2C

Rectangle

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



00BE4B



00C5C6



EC75F8



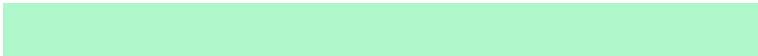
FF5885

Sweetspot

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



00BE4B



ADF7CA



75BE00



507D62



FCFCFC



7D7D7D

Same Dimension

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



00BE4B



00F762



00BEA8



555E59



009E3E



001F0C

Inverse Universe

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



BE0073



F70096



BE0016



5E555B



9E0060



1F0013

Previews

White Background



This preview shows how the Hex color 00BE4B 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 00BE4B 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 00BE4B Background



This preview shows how black text looks on a background with the Hex color 00BE4B.



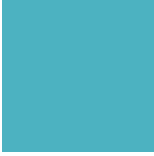
This preview shows how white text looks on a background with the Hex color 00BE4B.

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
4CB2C1

Trichromacy



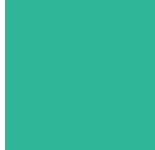
Original Color
00BE4B



Protanomaly
74AD46



Deuteranomaly
7FA851



Tritanomaly
30B696

Monochromacy



Original Color
00BE4B



Achromatopsia
787878



Achromatomaly
4C9168

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BE4B 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 #00BE4B looks like.

```
.text, #text, p{  
    color:#00BE4B  
}
```

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 #00BE4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BE4B
}
```

Border

The CSS property to change the border of an element to Hex 00BE4B 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
#00BE4B }
```

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

```
.border{ border-color:#00BE4B }
```

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

Here you see how a box with a 4 pixel #00BE4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BE4B; -webkit-box-shadow:4px 4px  
4px 4px #00BE4B; box-shadow:4px 4px 4px  
4px #00BE4B }
```

Background

The CSS property to change the background color of an element to Hex 00BE4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BE4B }
```

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

```
.background{ background-color:#00BE4B }
```

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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