

Converting Colors

Hex(00BD4B)

Have a look what the booklet for
Hex(00BD4B) contains.

Hex(00BD4B)	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(00BD4B)

Conversions

Conversions Part 1

Format	Color
Hex	00BD4B
RGB	0, 189, 75
RGB Percent	0%, 74%, 29%
CMY	1.0000, 0.2588, 0.7059
CMYK	1.00, 0.00, 0.60, 0.26
HSL	144°, 100%, 37%
HSV	144°, 100%, 74%
XYZ	19.4676, 36.9032, 12.7536
YIQ	119.4930, -76.0500, -75.5220

Conversions

Conversions Part 2

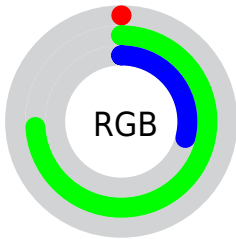
Format	Color
RYB	0, 135, 189
Decimal	48459
CIELab	67.20, -63.91, 45.60
CIELCh	67, 78.508, 144.491
Yxy	36.9032, 0.2816, 0.5339
Android (android.graphics.Color)	4278238539 (0xFF00BD4B)
YUV	119.4930, -21.9350, -104.7954
Hunter-Lab	60.7480, -49.1060, 30.0761

Details

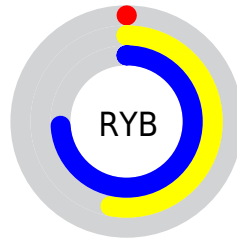
The Hex color **00BD4B** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BD0072**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **62F77F**, and **008615** is the 20% darker color. If you saturate the color by 10%, you get **00BD4B**, and if you desaturate by 10%, it is **13BD56**.

Distribution



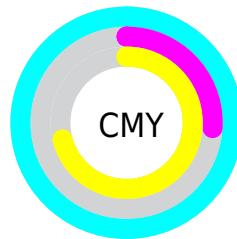
- Red (0%)
- Green (74%)
- Blue (29%)



- Red (0%)
- Yellow (53%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BD4B 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 00BD4B by changing the saturation by 10% instead.

 00BD4B

 00BD4B

FFFFFF

 00A131

 62F77F

 008615

 82FF9A

 006B00

 A1FFB6

 005200

 BFFFD2

 003900

 DEFFE5

 002100

FDFDFD

 000000

 00BD4B

 13BD56

 26BD62

 39BD6D

 4CBD79

 5FBD84

 71BD8F

 84BD9B

 97BDA6

 AABDB2

Harmonies

Analogous

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



8CB100



00BD4B



00C394

Triad

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



00BD4B



00B0FF



FF5F6E

Complementary

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



00BD4B



BD0072

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.



FF58B4



00BD4B



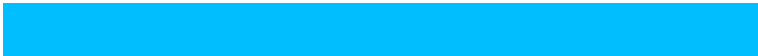
8597FF

Square

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



00BD4B



00BEFF



EB74F7



FF7E2C

Rectangle

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



00BD4B



00C4C5



EB74F7



FF5884

Sweetspot

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



00BD4B



ABF5C9



75BD00



4E7A60



FAFAFA



7A7A7A

Same Dimension

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



00BD4B



00F561



00BDA7



555E59



009E3F



001F0C

Inverse Universe

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



BD0072



F50094



BD0016



5E555B



9E005F



1F0012

Previews

White Background



This preview shows how the Hex color 00BD4B 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 00BD4B 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 00BD4B Background



This preview shows how black text looks on a background with the Hex color 00BD4B.



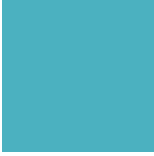
This preview shows how white text looks on a background with the Hex color 00BD4B.

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
4BB1C0

Trichromacy



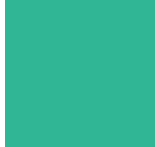
Original Color
00BD4B



Protanomaly
73AC46



Deuteranomaly
7FA751



Tritanomaly
30B595

Monochromacy



Original Color
00BD4B



Achromatopsia
777777



Achromatomaly
4C9067

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BD4B 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 #00BD4B looks like.

```
.text, #text, p{  
    color:#00BD4B  
}
```

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 #00BD4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BD4B
}
```

Border

The CSS property to change the border of an element to Hex 00BD4B 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
#00BD4B }
```

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

```
.border{ border-color:#00BD4B }
```

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

Here you see how a box with a 4 pixel #00BD4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BD4B; -webkit-box-shadow:4px 4px  
4px 4px #00BD4B; box-shadow:4px 4px 4px  
4px #00BD4B }
```

Background

The CSS property to change the background color of an element to Hex 00BD4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BD4B }
```

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

```
.background{ background-color:#00BD4B }
```

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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