

Converting Colors

Hex(00BC4A)

Have a look what the booklet for
Hex(00BC4A) contains.

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Color

Hex(00BC4A)

Conversions

Conversions Part 1

Format	Color
Hex	00BC4A
RGB	0, 188, 74
RGB Percent	0%, 74%, 29%
CMY	1.0000, 0.2627, 0.7098
CMYK	1.00, 0.00, 0.61, 0.26
HSL	144°, 100%, 37%
HSV	144°, 100%, 74%
XYZ	19.2193, 36.4609, 12.5033
YIQ	118.7920, -75.4540, -75.3100

Conversions

Conversions Part 2

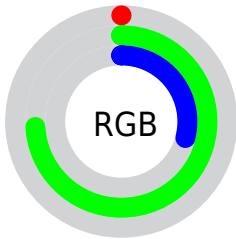
Format	Color
RYB	0, 135, 188
Decimal	48202
CIELab	66.87, -63.73, 45.67
CIELCh	67, 78.401, 144.373
Yxy	36.4609, 0.2819, 0.5347
Android (android.graphics.Color)	4278238282 (0xFF00BC4A)
YUV	118.7920, -22.0825, -104.1806
Hunter-Lab	60.3828, -48.8552, 29.9910

Details

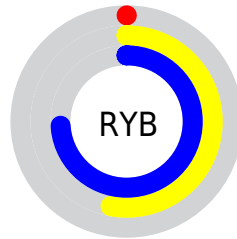
The Hex color **00BC4A** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BC0072**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **62F67E**, and **008514** is the 20% darker color. If you saturate the color by 10%, you get **00BC4A**, and if you desaturate by 10%, it is **13BC55**.

Distribution



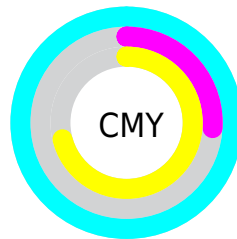
- Red (0%)
- Green (74%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00BC4A 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 00BC4A by changing the saturation by 10% instead.

 00BC4A

 00BC4A

FFFFFF

 00A030

 62F67E

 008514

 82FF99

 006A00

 A0FFB5

 005100

 BFFFD1

 003900

 DDFEE

 002000

 FCFFF

 000000

 00BC4A

 13BC55

 26BC61

 38BC6C

 4BBC78

 5EBC83

 71BC8E

 84BC9A

 96BCA5

 A9BCB1

Harmonies

Analogous

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



8BB000



00BC4A



00C293

Triad

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



00BC4A



00AFFF



FF5E6D

Complementary

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



00BC4A



BC0072

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.



FF57B3



00BC4A



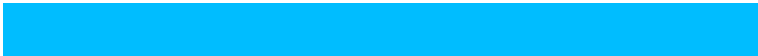
8396FF

Square

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



00BC4A



00BDFE



EA73F6



FF7D2B

Rectangle

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



00BC4A



00C3C4



EA73F6



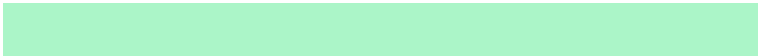
FF5784

Sweetspot

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



00BC4A



ABF5C8



74BC00



4E7A60



FAFAFA



7A7A7A

Same Dimension

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



00BC4A



00F560



00BCA6



555E59



009E3E



001F0C

Inverse Universe

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



BC0072



F50094



BC0016



5E555B



9E0060



1F0013

Previews

White Background



This preview shows how the Hex color 00BC4A looks on a white background.

Color Contrast Check

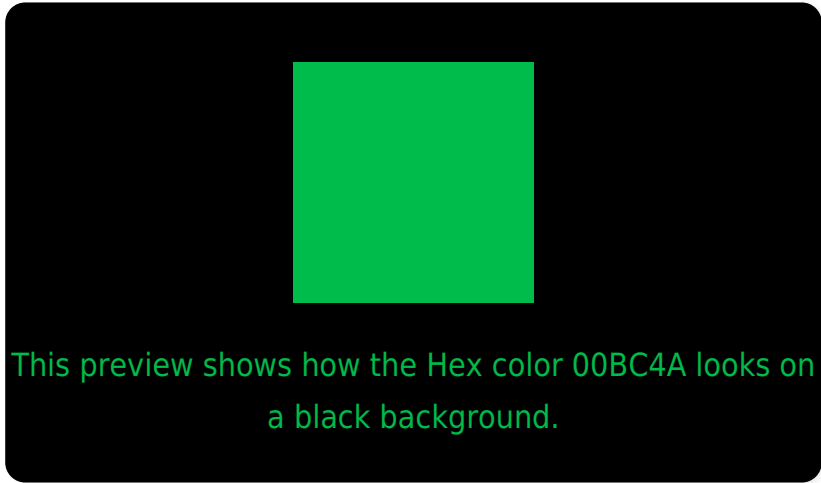
Large Text (above 18pt) WCAG AA × Fail

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 00BC4A Background



This preview shows how black text looks on a background with the Hex color 00BC4A.

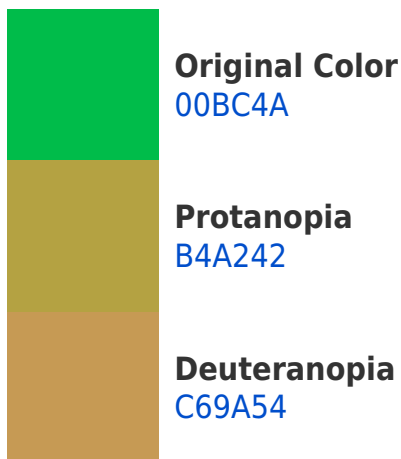


This preview shows how white text looks on a background with the Hex color 00BC4A.

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
4BBOBF

Trichromacy



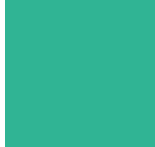
Original Color
00BC4A



Protanomaly
73AB45



Deuteranomaly
7EA650



Tritanomaly
30B494

Monochromacy



Original Color
00BC4A



Achromatopsia
777777



Achromatomaly
4C9067

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BC4A 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 #00BC4A looks like.

```
.text, #text, p{  
    color:#00BC4A  
}
```

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 #00BC4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BC4A
}
```

Border

The CSS property to change the border of an element to Hex 00BC4A 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
#00BC4A }
```

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

```
.border{ border-color:#00BC4A }
```

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

Here you see how a box with a 4 pixel #00BC4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BC4A; -webkit-box-shadow:4px 4px  
4px 4px #00BC4A; box-shadow:4px 4px 4px  
4px #00BC4A }
```

Background

The CSS property to change the background color of an element to Hex 00BC4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BC4A }
```

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

```
.background{ background-color:#00BC4A }
```

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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