

Converting Colors

Hex(00BF42)

Have a look what the booklet for
Hex(00BF42) contains.

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Color

Hex(00BF42)

Conversions

Conversions Part 1

Format	Color
Hex	00BF42
RGB	0, 191, 66
RGB Percent	0%, 75%, 26%
CMY	1.0000, 0.2510, 0.7412
CMYK	1.00, 0.00, 0.65, 0.25
HSL	141°, 100%, 37%
HSV	141°, 100%, 75%
XYZ	19.6142, 37.6550, 11.3886
YIQ	119.6410, -73.7110, -79.3670

Conversions

Conversions Part 2

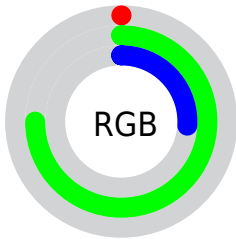
Format	Color
RYB	0, 142, 191
Decimal	48962
CIELab	67.77, -65.59, 50.19
CIELCh	68, 82.589, 142.575
Yxy	37.6550, 0.2857, 0.5484
Android (android.graphics.Color)	4278239042 (0xFF00BF42)
YUV	119.6410, -26.4450, -104.9252
Hunter-Lab	61.3636, -50.3309, 31.9508

Details

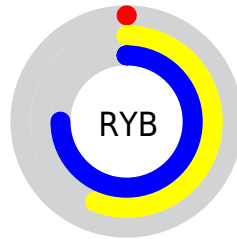
The Hex color **00BF42** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BF007D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **63F977**, and **008802** is the 20% darker color. If you saturate the color by 10%, you get **00BF42**, and if you desaturate by 10%, it is **13BF4E**.

Distribution



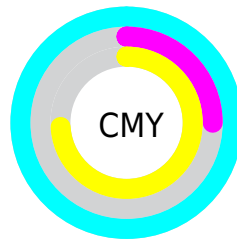
- Red (0%)
- Green (75%)
- Blue (26%)



- Red (0%)
- Yellow (56%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BF42 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 00BF42 by changing the saturation by 10% instead.

 00BF42

 00BF42

FFFFFF

 00A327

 63F977

 008802

 83FF92

 006D00

 A2FFAE

 005300

 C1FFCA

 003B00

 DFFFE6

 002200

FEFFFF

 000000

 00BF42

 13BF4E

 26BF5B

 39BF67

 4CBF74

 60BF81

 73BF8D

 86BF9A

 99BFA6

 ACBFB3

Harmonies

Analogous

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



90B200



00BF42



00C58F

Triad

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



00BF42



00B4FF



FF5871

Complementary

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



00BF42



BF007D

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.



FF53BB



00BF42



7799FF

Square

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



00BF42



00C2FF



EB74FF



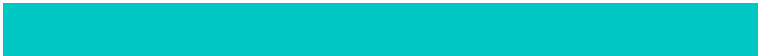
FF7B2A

Rectangle

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



00BF42



00C7C3



EB74FF



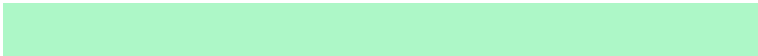
FF5189

Sweetspot

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



00BF42



ADF7C7



7FBF00



507D60



FCFCFC



7D7D7D

Same Dimension

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



00BF42



00F755



00BF9F



555E58



009E37



001F0B

Inverse Universe

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



BF007D



F700A2



BF0020



5E555B



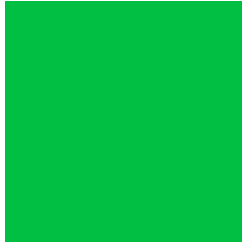
9E0067



1F0014

Previews

White Background



This preview shows how the Hex color 00BF42 looks on a white background.

Color Contrast Check

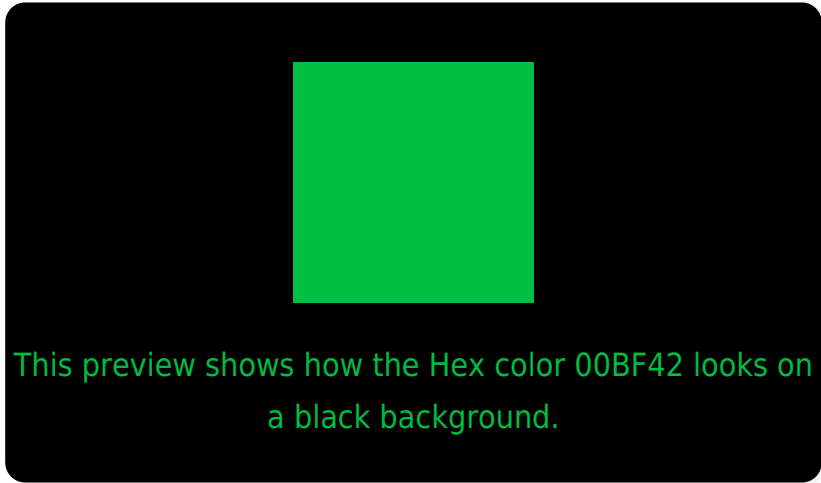
Large Text (above 18pt) WCAG AA × Fail

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 00BF42 Background



This preview shows how black text looks on a background with the Hex color 00BF42.

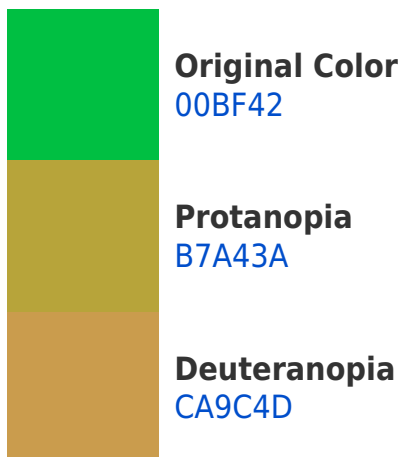


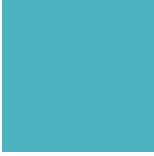
This preview shows how white text looks on a background with the Hex color 00BF42.

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
4DB3C1

Trichromacy



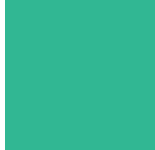
Original Color
00BF42



Protanomaly
74AE3D



Deuteranomaly
81A949



Tritanomaly
31B793

Monochromacy



Original Color
00BF42



Achromatopsia
787878



Achromatomaly
4C9264

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BF42 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 #00BF42 looks like.

```
.text, #text, p{  
    color:#00BF42  
}
```

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 #00BF42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF42
}
```

Border

The CSS property to change the border of an element to Hex 00BF42 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
#00BF42 }
```

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

```
.border{ border-color:#00BF42 }
```

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

Here you see how a box with a 4 pixel #00BF42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF42; -webkit-box-shadow:4px 4px  
4px 4px #00BF42; box-shadow:4px 4px 4px  
4px #00BF42 }
```

Background

The CSS property to change the background color of an element to Hex 00BF42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF42 }
```

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

```
.background{ background-color:#00BF42 }
```

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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