

# Converting Colors

Hex(00BD41)

Have a look what the booklet for  
Hex(00BD41) contains.

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# **Color**

**Hex(00BD41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BD41
RGB	0, 189, 65
RGB Percent	0%, 74%, 25%
CMY	1.0000, 0.2588, 0.7451
CMYK	1.00, 0.00, 0.66, 0.26
HSL	141°, 100%, 37%
HSV	141°, 100%, 74%
XYZ	19.1517, 36.7768, 11.0903
YIQ	118.3530, -72.8400, -78.6320

# Conversions

## Conversions Part 2

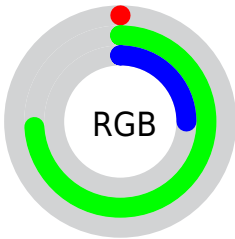
Format	Color
<a href="#">RYB</a>	0, 141, 189
Decimal	48449
CIELab	67.11, -65.10, 49.89
CIELCh	67, 82.018, 142.535
Yxy	36.7768, 0.2858, 0.5488
Android (android.graphics.Color)	4278238529 (0xFF00BD41)
YUV	118.3530, -26.3030, -103.7956
Hunter-Lab	60.6439, -49.7554, 31.6081

# Details

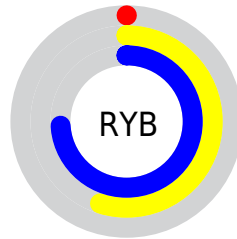
The Hex color **00BD41** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **BD007C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **63F776**, and **008601** is the 20% darker color. If you saturate the color by 10%, you get **00BD41**, and if you desaturate by 10%, it is **13BD4D**.

# Distribution



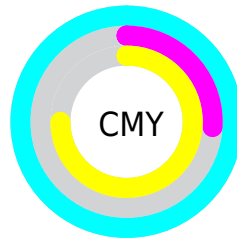
- Red (0%)
- Green (74%)
- Blue (25%)



- Red (0%)
- Yellow (55%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00BD41 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 00BD41 by changing the saturation by 10% instead.



 00BD41

 00BD41

FFFFFF

 00A126

 63F776

 008601

 82FF91

 006B00

 A1FFAC

 005100

 C0FFC9

 003900

 DFFF E5

 002000

FDFFFF

 000000

 00BD41

 13BD4D

 26BD5A

 39BD66

 4CBD73

 5FBD7F

 71BD8B

 84BD98

 97BDA4

 AABDB1

# Harmonies

## Analogous

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



8FB000



00BD41



00C38E

# Triad

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



00BD41



00B2FF



FF5770

# Complementary

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



00BD41



BD007C

# 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.



FF52B9



00BD41



7598FF

# Square

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



00BD41



00C0FF



E973FE



FF7929

# Rectangle

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



00BD41



00C4C1



E973FE



FF5088

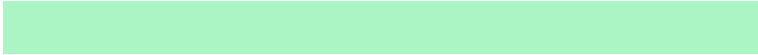


# Sweetspot

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



00BD41



ABF5C5



7EBD00



4E7A5D



FAFAFA



7A7A7A



# Same Dimension

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



00BD41



00F554



00BD9D



555E58



009E36



001F0B



# Inverse Universe

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



BD007C



F500A1



BD0020



5E555B



9E0068

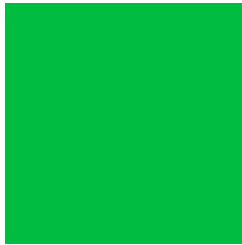


1F0014



# Previews

## White Background



This preview shows how the Hex color 00BD41 looks on a white background.

## Color Contrast Check

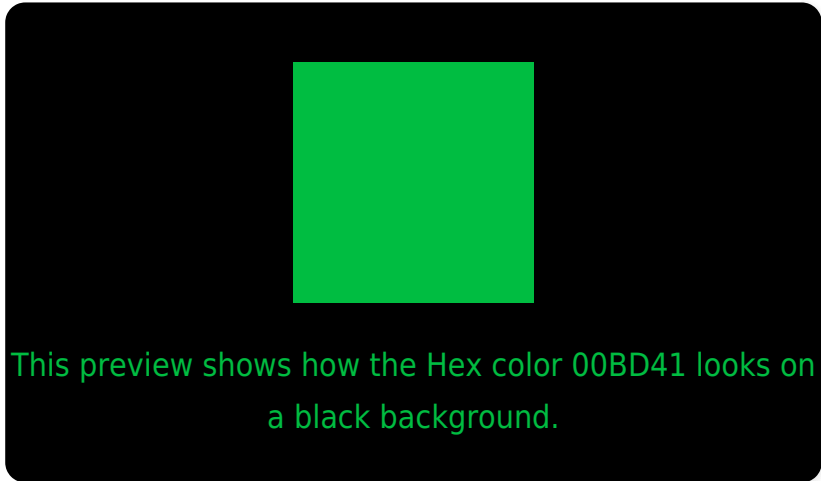
Large Text (above 18pt) WCAG AA × Fail

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 00BD41 Background



This preview shows how black text looks on a background with the Hex color 00BD41.



This preview shows how white text looks on a background with the Hex color 00BD41.

# 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](#).

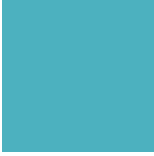
## Dichromacy



**Original Color**  
00BD41

**Protanopia**  
B5A23A

**Deuteranopia**  
C89A4C



**Tritanopia**  
4CB1BF

# Trichromacy



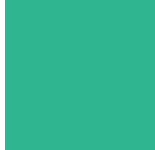
**Original Color**  
00BD41



**Protanomaly**  
73AC3D



**Deuteranomaly**  
7FA748



**Tritanomaly**  
30B591

# Monochromacy



**Original Color**  
00BD41



**Achromatopsia**  
767676



**Achromatomaly**  
4B9063

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00BD41 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 #00BD41 looks like.

```
.text, #text, p{  
    color:#00BD41  
}
```

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 #00BD41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BD41
}
```

## Border

The CSS property to change the border of an element to Hex 00BD41 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
#00BD41 }
```

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

```
.border{ border-color:#00BD41 }
```

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

Here you see how a box with a 4 pixel #00BD41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BD41; -webkit-box-shadow:4px 4px  
4px 4px #00BD41; box-shadow:4px 4px 4px  
4px #00BD41 }
```

# Background

The CSS property to change the background color of an element to Hex 00BD41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BD41 }
```

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

```
.background{ background-color:#00BD41 }
```

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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