

Converting Colors

Hex(00BD5B)

Have a look what the booklet for
Hex(00BD5B) contains.

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Color

Hex(00BD5B)

Conversions

Conversions Part 1

Format	Color
Hex	00BD5B
RGB	0, 189, 91
RGB Percent	0%, 74%, 36%
CMY	1.0000, 0.2588, 0.6431
CMYK	1.00, 0.00, 0.52, 0.26
HSL	149°, 100%, 37%
HSV	149°, 100%, 74%
XYZ	20.0859, 37.1505, 16.0097
YIQ	121.3170, -81.1860, -70.5460

Conversions

Conversions Part 2

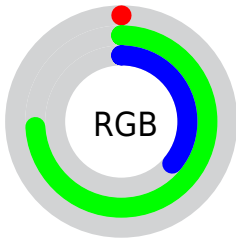
Format	Color
RYB	0, 128, 189
Decimal	48475
CIELab	67.39, -61.62, 38.21
CIELCh	67, 72.506, 148.194
Yxy	37.1505, 0.2742, 0.5072
Android (android.graphics.Color)	4278238555 (0xFF00BD5B)
YUV	121.3170, -14.9463, -106.3950
Hunter-Lab	60.9512, -47.8416, 27.0925

Details

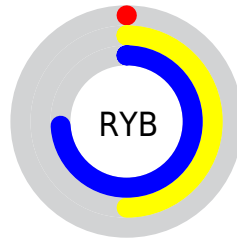
The Hex color **00BD5B** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BD0062**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **61F78F**, and **008629** is the 20% darker color. If you saturate the color by 10%, you get **00BD5B**, and if you desaturate by 10%, it is **13BD65**.

Distribution



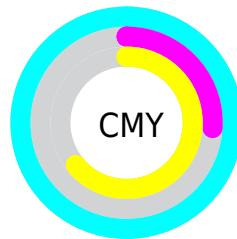
- Red (0%)
- Green (74%)
- Blue (36%)



- Red (0%)
- Yellow (50%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BD5B 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 00BD5B by changing the saturation by 10% instead.

 00BD5B

 00BD5B

FFFFFF

 00A142

 61F78F

 008629

 81FFAA

 006C0F

 A0FFC6

 005200

 BEFFE2

 003900

 DDFFFF

 002100

 FCFFFF

 000000

 00BD5B

 13BD65

 26BD6F

 39BD78

 4CBD82

 5FBD8C

 71BD96

 84BDA0

 97BDA9

 AABDB3

Harmonies

Analogous

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



87B21D



00BD5B



00C29E

Triad

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



00BD5B



00ADFF



FF6A6A

Complementary

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



00BD5B



BD0062

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.



FF62AB



00BD5B



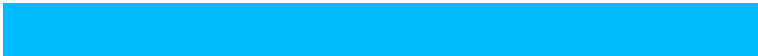
9A94FF

Square

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



00BD5B



00BCFF



EF76EA



F88631

Rectangle

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



00BD5B



00C2CB



EF76EA



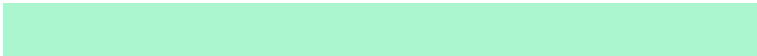
FF647F

Sweetspot

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



00BD5B



ABF5CF



65BD00



4E7A64



FAFAFA



7A7A7A

Same Dimension

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



00BD5B



00F576



00BDB7



555E59



009E4C



001F0F

Inverse Universe

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



BD0062



F5007F



BD0006



5E555A



9E0052



1F0010

Previews

White Background



This preview shows how the Hex color 00BD5B 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 00BD5B 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 00BD5B Background



This preview shows how black text looks on a background with the Hex color 00BD5B.

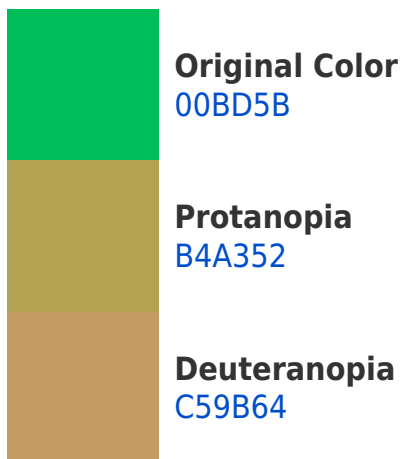


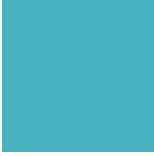
This preview shows how white text looks on a background with the Hex color 00BD5B.

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
49B2C0

Trichromacy



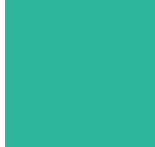
Original Color
00BD5B



Protanomaly
73AC55



Deuteranomaly
7DA761



Tritanomaly
2EB69B

Monochromacy



Original Color
00BD5B



Achromatopsia
797979



Achromatomaly
4D926E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BD5B 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 #00BD5B looks like.

```
.text, #text, p{  
    color:#00BD5B  
}
```

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 #00BD5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BD5B
}
```

Border

The CSS property to change the border of an element to Hex 00BD5B 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
#00BD5B }
```

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

```
.border{ border-color:#00BD5B }
```

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

Here you see how a box with a 4 pixel #00BD5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BD5B; -webkit-box-shadow:4px 4px  
4px 4px #00BD5B; box-shadow:4px 4px 4px  
4px #00BD5B }
```

Background

The CSS property to change the background color of an element to Hex 00BD5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BD5B }
```

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

```
.background{ background-color:#00BD5B }
```

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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