

Converting Colors

Hex(00BB5A)

Have a look what the booklet for
Hex(00BB5A) contains.

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Color

Hex(00BB5A)

Conversions

Conversions Part 1

Format	Color
Hex	00BB5A
RGB	0, 187, 90
RGB Percent	0%, 73%, 35%
CMY	1.0000, 0.2667, 0.6471
CMYK	1.00, 0.00, 0.52, 0.27
HSL	149°, 100%, 37%
HSV	149°, 100%, 73%
XYZ	19.6158, 36.2788, 15.6415
YIQ	120.0290, -80.3150, -69.8110

Conversions

Conversions Part 2

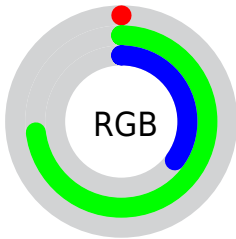
Format	Color
RYB	0, 126, 187
Decimal	47962
CIELab	66.73, -61.13, 37.90
CIELCh	67, 71.921, 148.203
Yxy	36.2788, 0.2742, 0.5071
Android (android.graphics.Color)	4278238042 (0xFF00BB5A)
YUV	120.0290, -14.8043, -105.2654
Hunter-Lab	60.2319, -47.2736, 26.7654

Details

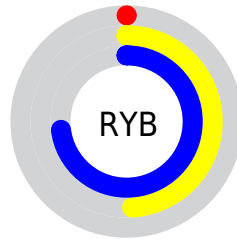
The Hex color **00BB5A** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BB0061**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **61F48E**, and **008428** is the 20% darker color. If you saturate the color by 10%, you get **00BB5A**, and if you desaturate by 10%, it is **13BB64**.

Distribution



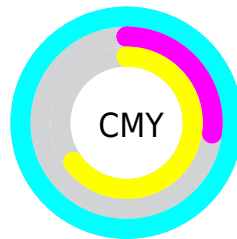
- Red (0%)
- Green (73%)
- Blue (35%)



- Red (0%)
- Yellow (49%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BB5A 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 00BB5A by changing the saturation by 10% instead.

 00BB5A

 00BB5A

FFFFFF

 009F41

 61F48E

 008428

 81FFA9

 006A0E

 9FFFC5

 005000

 BEFFE1

 003800

 DCFFFE

 001F00

 FBFFFF

 000000

 00BB5A

 13BB64

 25BB6D

 38BB77

 4BBB81

 5EBB8A

 70BB94

 83BB9E

 96BBA8

 A8BBB1

Harmonies

Analogous

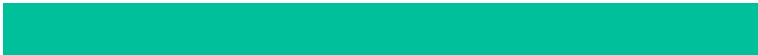
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85B01C



00BB5A



00C09C

Triad

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



00BB5A



00ABFF



FF6969

Complementary

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



00BB5A



BB0061

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.



FF60A9



00BB5A



9993FF

Square

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



00BB5A



00BAFF



EC75E8



F68430

Rectangle

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



00BB5A



00C0C9



EC75E8



FF637E

Sweetspot

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



00BB5A



AAF2CD



64BB00



4E7A64



FAFAFA



7A7A7A

Same Dimension

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



00BB5A



00F275



00BBB5



555E59



009E4C



001F0F

Inverse Universe

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



BB0061



F2007E



BB0006



5E555A



9E0052



1F0010

Previews

White Background



This preview shows how the Hex color 00BB5A 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 00BB5A 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 00BB5A Background



This preview shows how black text looks on a background with the Hex color 00BB5A.

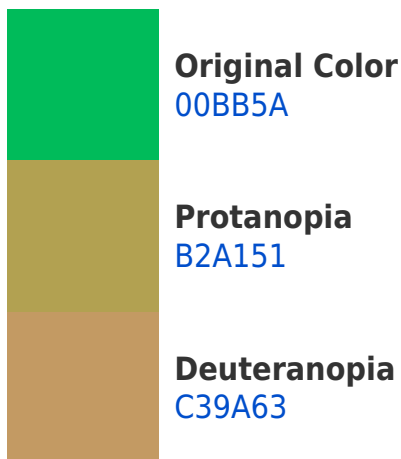


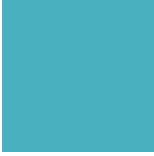
This preview shows how white text looks on a background with the Hex color 00BB5A.

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
48B0BE

Trichromacy



Original Color

00BB5A



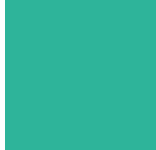
Protanomaly

71AA54



Deuteranomaly

7CA660



Tritanomaly

2EB49A

Monochromacy



Original Color

00BB5A



Achromatopsia

787878



Achromatomaly

4C906D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BB5A 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 #00BB5A looks like.

```
.text, #text, p{  
    color:#00BB5A  
}
```

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 #00BB5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BB5A
}
```

Border

The CSS property to change the border of an element to Hex 00BB5A 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
#00BB5A }
```

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

```
.border{ border-color:#00BB5A }
```

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

Here you see how a box with a 4 pixel #00BB5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BB5A; -webkit-box-shadow:4px 4px  
4px 4px #00BB5A; box-shadow:4px 4px 4px  
4px #00BB5A }
```

Background

The CSS property to change the background color of an element to Hex 00BB5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BB5A }
```

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

```
.background{ background-color:#00BB5A }
```

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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