

Converting Colors

Hex(00B95C)

Have a look what the booklet for
Hex(00B95C) contains.

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Color

Hex(00B95C)

Conversions

Conversions Part 1

Format	Color
Hex	00B95C
RGB	0, 185, 92
RGB Percent	0%, 73%, 36%
CMY	1.0000, 0.2745, 0.6392
CMYK	1.00, 0.00, 0.50, 0.27
HSL	150°, 100%, 36%
HSV	150°, 100%, 73%
XYZ	19.2807, 35.4706, 15.9555
YIQ	119.0830, -80.4070, -68.1430

Conversions

Conversions Part 2

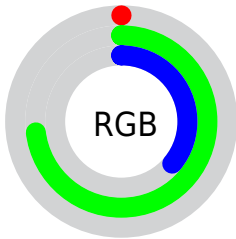
Format	Color
RYB	0, 124, 185
Decimal	47452
CIELab	66.11, -60.15, 36.13
CIELCh	66, 70.169, 149.007
Yxy	35.4706, 0.2727, 0.5017
Android (android.graphics.Color)	4278237532 (0xFF00B95C)
YUV	119.0830, -13.3519, -104.4358
Hunter-Lab	59.5572, -46.4385, 25.8061

Details

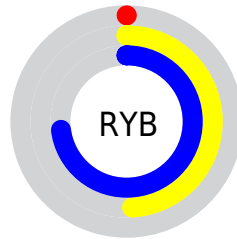
The Hex color **00B95C** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B9005D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **60F290**, and **00822B** is the 20% darker color. If you saturate the color by 10%, you get **00B95C**, and if you desaturate by 10%, it is **12B965**.

Distribution



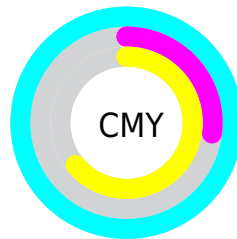
- Red (0%)
- Green (73%)
- Blue (36%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B95C 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 00B95C by changing the saturation by 10% instead.

 00B95C

 00B95C

FFFFFF

 009D43


 60F290

 00822B

 80FFAB

 006811

 9EFC7

 004E00

 BDFFE3

 003700

 DBFFF

 001E00

 FAFFF

 000000

 00B95C

 12B965

 25B96F

 38B978

 4AB981

 5DB98B

 6FB994

 82B99D

 94B9A6

 A7B9B0

Harmonies

Analogous

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



83AF22



00B95C



00BE9D

Triad

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



00B95C



00A9FF



FF6A67

Complementary

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



00B95C



B9005D

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.



FF61A5



00B95C



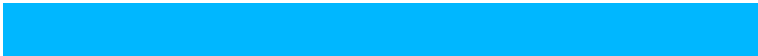
9B91FF

Square

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



00B95C



00B7FF



EA74E3



F18431

Rectangle

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



00B95C



00BEC8



EA74E3



FF647C

Sweetspot

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



00B95C



A8F0CC



60B900



4D7862



F7F7F7



787878

Same Dimension

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



00B95C



00F077



00B9B6



535C57



009C4D



001C0E

Inverse Universe

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



B9005D



F00078



B90003



5C5357



9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 00B95C 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 00B95C 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 00B95C Background



This preview shows how black text looks on a background with the Hex color 00B95C.

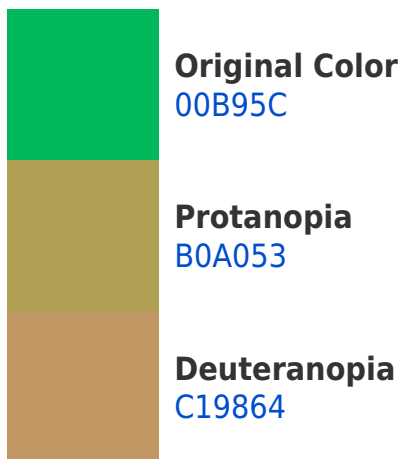


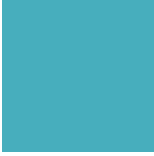
This preview shows how white text looks on a background with the Hex color 00B95C.

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
47AEBD

Trichromacy



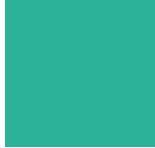
Original Color
00B95C



Protanomaly
70A956



Deuteranomaly
7BA461



Tritanomaly
2DB29A

Monochromacy



Original Color
00B95C



Achromatopsia
777777



Achromatomaly
4C8F6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B95C 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 #00B95C looks like.

```
.text, #text, p{  
    color:#00B95C  
}
```

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 #00B95C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B95C
}
```

Border

The CSS property to change the border of an element to Hex 00B95C 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
#00B95C }
```

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

```
.border{ border-color:#00B95C }
```

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

Here you see how a box with a 4 pixel #00B95C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B95C; -webkit-box-shadow:4px 4px  
4px 4px #00B95C; box-shadow:4px 4px 4px  
4px #00B95C }
```

Background

The CSS property to change the background color of an element to Hex 00B95C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B95C }
```

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

```
.background{ background-color:#00B95C }
```

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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