

Converting Colors

Hex(00C95F)

Have a look what the booklet for
Hex(00C95F) contains.

Hex(00C95F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00C95F)

Conversions

Conversions Part 1

Format	Color
Hex	00C95F
RGB	0, 201, 95
RGB Percent	0%, 79%, 37%
CMY	1.0000, 0.2118, 0.6275
CMYK	1.00, 0.00, 0.53, 0.21
HSL	148°, 100%, 39%
HSV	148°, 100%, 79%
XYZ	22.9522, 42.5995, 17.8393
YIQ	128.8170, -85.7700, -75.5780

Conversions

Conversions Part 2

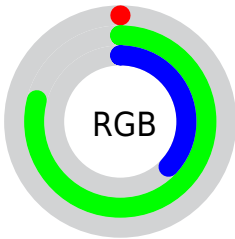
Format	Color
RYB	0, 136, 201
Decimal	51551
CIELab	71.28, -64.86, 41.05
CIELCh	71, 76.754, 147.669
Yxy	42.5995, 0.2752, 0.5108
Android (android.graphics.Color)	4278241631 (0xFF00C95F)
YUV	128.8170, -16.6718, -112.9725
Hunter-Lab	65.2683, -51.4483, 29.4825

Details

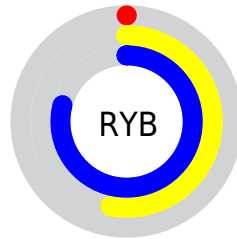
The Hex color **00C95F** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C9006A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **65FF94**, and **00912C** is the 20% darker color. If you saturate the color by 10%, you get **00C95F**, and if you desaturate by 10%, it is **14C96A**.

Distribution



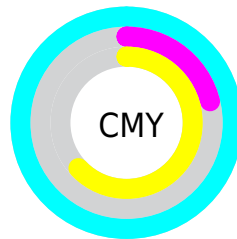
- Red (0%)
- Green (79%)
- Blue (37%)



- Red (0%)
- Yellow (53%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C95F 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 00C95F by changing the saturation by 10% instead.

 00C95F

 00C95F

FFFFFF

 00AD46

 65FF94

 00912C

 85FFAF

 007611

 A5FFCB

 005C00

 C3FFE7

 004300

 E2FFFF

 002B00

 000900

 000000

 00C95F

 14C96A

 28C974

 3CC97F

 50C989

 65C994

 79C99F

 8DC9A9

 A1C9B4

 B5C9BE

Harmonies

Analogous

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



90BD1A



00C95F



00CEA7

Triad

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



00C95F



00B9FF



FF7072

Complementary

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



00C95F



C9006A

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.



FF67B7



00C95F



A29EFF

Square

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



00C95F



00C8FF



FD7DFA



FF8D34

Rectangle

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



00C95F



00CFD7



FD7DFA



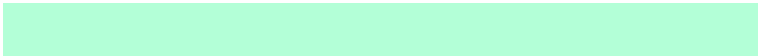
FF6988

Sweetspot

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



00C95F



B3FFD7



6BC900



528067



000000



808080

Same Dimension

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



00C95F



00FF79



00C9C2



5A635E



00A34D



002411

Inverse Universe

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



C9006A



FF0086



C90007



635A5F



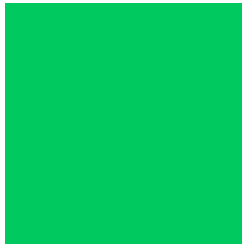
A30056



240013

Previews

White Background



This preview shows how the Hex color 00C95F 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 00C95F 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 00C95F Background



This preview shows how black text looks on a background with the Hex color 00C95F.

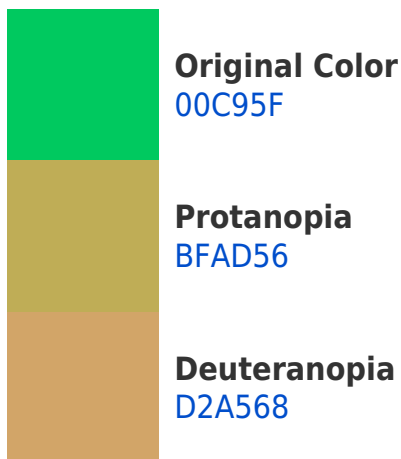


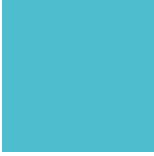
This preview shows how white text looks on a background with the Hex color 00C95F.

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
4EBDCD

Trichromacy



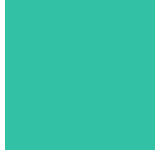
Original Color
00C95F



Protanomaly
7AB759



Deuteranomaly
86B265



Tritanomaly
32C1A5

Monochromacy



Original Color
00C95F



Achromatopsia
818181



Achromatomaly
529B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C95F 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 #00C95F looks like.

```
.text, #text, p{  
    color:#00C95F  
}
```

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 #00C95F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C95F
}
```

Border

The CSS property to change the border of an element to Hex 00C95F 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
#00C95F }
```

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

```
.border{ border-color:#00C95F }
```

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

Here you see how a box with a 4 pixel #00C95F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C95F; -webkit-box-shadow:4px 4px  
4px 4px #00C95F; box-shadow:4px 4px 4px  
4px #00C95F }
```

Background

The CSS property to change the background color of an element to Hex 00C95F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C95F }
```

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

```
.background{ background-color:#00C95F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor