

# Converting Colors

Hex(00C35B)

Have a look what the booklet for  
Hex(00C35B) contains.

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# Color

Hex(00C35B)

# Conversions

## Conversions Part 1

Format	Color
Hex	00C35B
RGB	0, 195, 91
RGB Percent	0%, 76%, 36%
CMY	1.0000, 0.2353, 0.6431
CMYK	1.00, 0.00, 0.53, 0.24
HSL	148°, 100%, 38%
HSV	148°, 100%, 76%
XYZ	21.4034, 39.7855, 16.4488
YIQ	124.8390, -82.8360, -73.6840

# Conversions

## Conversions Part 2

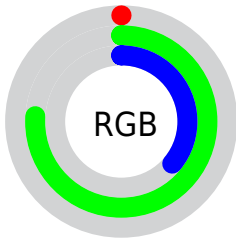
Format	Color
<a href="#">RYB</a>	<a href="#">0, 133, 195</a>
Decimal	<a href="#">50011</a>
CIELab	<a href="#">69.32, -63.55, 40.58</a>
CIELCh	<a href="#">69, 75.400, 147.439</a>
Yxy	<a href="#">39.7855, 0.2757, 0.5125</a>
Android (android.graphics.Color)	<a href="#">4278240091 (0xFF00C35B)</a>
YUV	<a href="#">124.8390, -16.6826, -109.4838</a>
Hunter-Lab	<a href="#">63.0758, -49.8124, 28.6915</a>

# Details

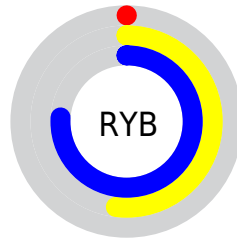
The Hex color **00C35B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C30068**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **63FD8F**, and **008C29** is the 20% darker color. If you saturate the color by 10%, you get **00C35B**, and if you desaturate by 10%, it is **13C365**.

# Distribution



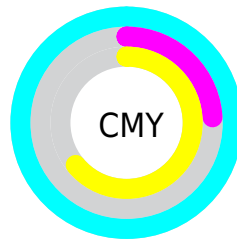
- Red (0%)
- Green (76%)
- Blue (36%)



- Red (0%)
- Yellow (52%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C35B 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 00C35B by changing the saturation by 10% instead.



 00C35B

 00C35B

FFFFFF

 00A742

 63FD8F

 008C29

 83FFAA

 00710C

 A2FFC6

 005700

 C1FFE3

 003E00

 E0FFFF

 002600

 000000

 00C35B

 13C365

 27C370

 3BC37A

 4EC385

 62C38F

 75C399

 88C3A4

 9CC3AE

 B0C3B9

# Harmonies

## Analogous

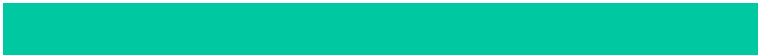
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CB817



00C35B



00C8A1

# Triad

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



00C35B



00B3FF



FF6C6F

# Complementary

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



00C35B



C30068

# 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.



FF63B2



00C35B



9B9AFF

# Square

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



00C35B



00C2FF



F579F4



FF8832

# Rectangle

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



00C35B



00C9D0



F579F4



FF6584

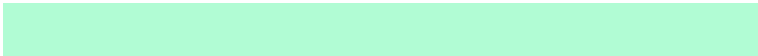


# Sweetspot

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



00C35B



B1FCD4



68C300



528067



000000



808080



# Same Dimension

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



00C35B



00FC76



00C3BD



57615C



00A14B



00210F



# Inverse Universe

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



C30068



FC0087



C30006



61575C



A10056



210012



# Previews

## White Background



This preview shows how the Hex color 00C35B 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 00C35B 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 00C35B Background



This preview shows how black text looks on a background with the Hex color 00C35B.

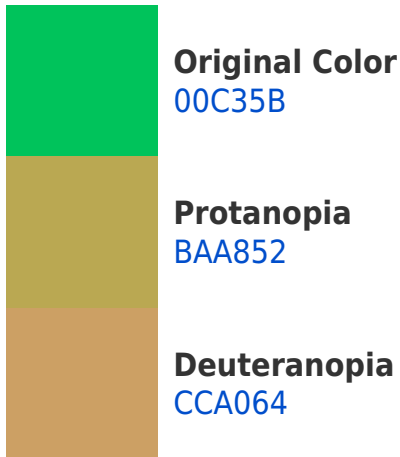


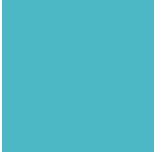
This preview shows how white text looks on a background with the Hex color 00C35B.

# 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**  
4CB8C6

# Trichromacy



**Original Color**  
00C35B



**Protanomaly**  
76B255



**Deuteranomaly**  
82AD61



**Tritanomaly**  
30BC9F

# Monochromacy



**Original Color**  
00C35B



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
509671

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C35B 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 #00C35B looks like.

```
.text, #text, p{  
    color:#00C35B  
}
```

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 #00C35B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C35B
}
```

## Border

The CSS property to change the border of an element to Hex 00C35B 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
#00C35B }
```

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

```
.border{ border-color:#00C35B }
```

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

Here you see how a box with a 4 pixel #00C35B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C35B; -webkit-box-shadow:4px 4px  
4px 4px #00C35B; box-shadow:4px 4px 4px  
4px #00C35B }
```

# Background

The CSS property to change the background color of an element to Hex 00C35B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C35B }
```

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

```
.background{ background-color:#00C35B }
```

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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