

Converting Colors

Hex(00C363)

Have a look what the booklet for
Hex(00C363) contains.

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Color

Hex(00C363)

Conversions

Conversions Part 1

Format	Color
Hex	00C363
RGB	0, 195, 99
RGB Percent	0%, 76%, 39%
CMY	1.0000, 0.2353, 0.6118
CMYK	1.00, 0.00, 0.49, 0.24
HSL	150°, 100%, 38%
HSV	150°, 100%, 76%
XYZ	21.7672, 39.9311, 18.3646
YIQ	125.7510, -85.4040, -71.1960

Conversions

Conversions Part 2

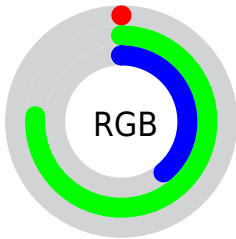
Format	Color
RYB	0, 129, 195
Decimal	50019
CIELab	69.42, -62.28, 36.77
CIELCh	69, 72.329, 149.441
Yxy	39.9311, 0.2719, 0.4987
Android (android.graphics.Color)	4278240099 (0xFF00C363)
YUV	125.7510, -13.1882, -110.2836
Hunter-Lab	63.1910, -49.0969, 27.0028

Details

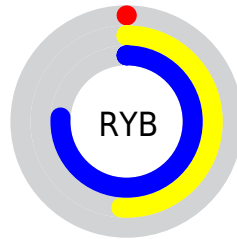
The Hex color **00C363** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **C30060**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **63FD97**, and **008C31** is the 20% darker color. If you saturate the color by 10%, you get **00C363**, and if you desaturate by 10%, it is **13C36D**.

Distribution



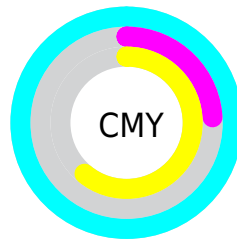
- Red (0%)
- Green (76%)
- Blue (39%)



- Red (0%)
- Yellow (51%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C363 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 00C363 by changing the saturation by 10% instead.

 00C363

 00C363

FFFFFF

 00A74A


 63FD97

 008C31

 83FFB3

 007118

 A2FFCE

 005700

 C1FFEB

 003E00

 DFFFFFF

 002600

FEFFFF

 000000

 00C363

 13C36D

 27C376

 3BC380

 4EC389

 62C393

 75C39D

 88C3A6

 9CC3B0

 B0C3B9

Harmonies

Analogous

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



8AB827



00C363



00C8A6

Triad

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



00C363



00B2FF



FF716D

Complementary

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



00C363



C30060

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.



FF68AE



00C363



A599FF

Square

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



00C363



00C1FF



F77BED



FD8C35

Rectangle

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



00C363



00C8D3



F77BED



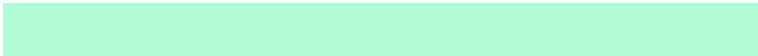
FF6B82

Sweetspot

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



00C363



B1FCD7



62C300



528069



000000



808080

Same Dimension

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



00C363



00FC80



00C3C3



57615C



00A152



002111

Inverse Universe

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



C30060



FC007C



C30000



61575C



A1004F



210010

Previews

White Background



This preview shows how the Hex color 00C363 looks on a white background.

Color Contrast Check

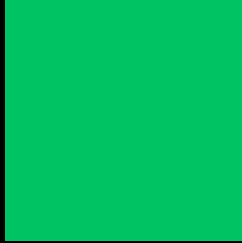
Large Text (above 18pt) WCAG AA × Fail

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 00C363 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 00C363 Background



This preview shows how black text looks on a background with the Hex color 00C363.

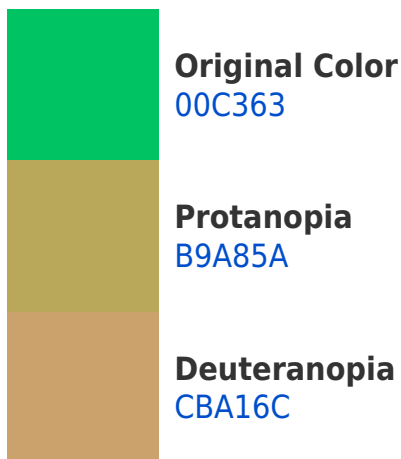


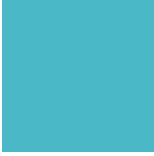
This preview shows how white text looks on a background with the Hex color 00C363.

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
4AB8C7

Trichromacy



Original Color
00C363



Protanomaly
76B25D



Deuteranomaly
81AD69



Tritanomaly
2FBCA3

Monochromacy



Original Color
00C363



Achromatopsia
7E7E7E



Achromatomaly
509774

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C363 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 #00C363 looks like.

```
.text, #text, p{  
    color:#00C363  
}
```

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 #00C363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C363
}
```

Border

The CSS property to change the border of an element to Hex 00C363 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
#00C363 }
```

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

```
.border{ border-color:#00C363 }
```

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

Here you see how a box with a 4 pixel #00C363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C363; -webkit-box-shadow:4px 4px  
4px 4px #00C363; box-shadow:4px 4px 4px  
4px #00C363 }
```

Background

The CSS property to change the background color of an element to Hex 00C363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C363 }
```

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

```
.background{ background-color:#00C363 }
```

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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