

Converting Colors

Hex(00C863)

Have a look what the booklet for
Hex(00C863) contains.

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Color

Hex(00C863)

Conversions

Conversions Part 1

Format	Color
Hex	00C863
RGB	0, 200, 99
RGB Percent	0%, 78%, 39%
CMY	1.0000, 0.2157, 0.6118
CMYK	1.00, 0.00, 0.51, 0.22
HSL	150°, 100%, 39%
HSV	150°, 100%, 78%
XYZ	22.9064, 42.2094, 18.7443
YIQ	128.6860, -86.7790, -73.8110

Conversions

Conversions Part 2

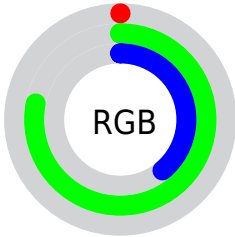
Format	Color
RYB	0, 134, 200
Decimal	51299
CIELab	71.02, -63.91, 38.77
CIELCh	71, 74.749, 148.759
Yxy	42.2094, 0.2732, 0.5033
Android (android.graphics.Color)	4278241379 (0xFF00C863)
YUV	128.6860, -14.6352, -112.8576
Hunter-Lab	64.9688, -50.7606, 28.3722

Details

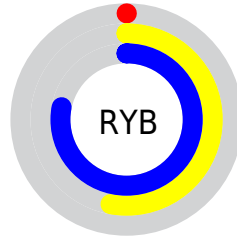
The Hex color **00C863** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **C80065**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **65FF98**, and **009031** is the 20% darker color. If you saturate the color by 10%, you get **00C863**, and if you desaturate by 10%, it is **14C86D**.

Distribution



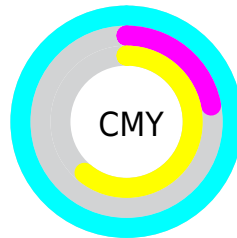
- Red (0%)
- Green (78%)
- Blue (39%)



- Red (0%)
- Yellow (53%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C863 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 00C863 by changing the saturation by 10% instead.

 00C863

 00C863

FFFFFF

 00AC4A

 65FF98

 009031

 85FFB3

 007617

 A4FFCF

 005B00

 C3FFEB

 004200

 E2FFFF

 002B00

 000700

 000000

 00C863

 14C86D

 28C877

 3CC881

 50C88B

 64C896

 78C8A0

 8CC8AA

 A0C8B4

 B4C8BE

Harmonies

Analogous

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



8EBD23



00C863



00CDA9

Triad

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



00C863



00B7FF



FF7371

Complementary

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



00C863



C80065

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.



FF69B4



00C863



A69DFF

Square

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



00C863



00C6FF



FD7DF6



FF8F35

Rectangle

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



00C863



00CED8



FD7DF6



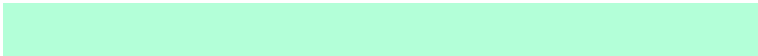
FF6C86

Sweetspot

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



00C863



B3FFD8



67C800



528068



000000



808080

Same Dimension

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



00C863



00FF7E



00C8C5



5A635E



00A351



002412

Inverse Universe

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



C80065



FF0081



C80003



635A5F



A30052



240012

Previews

White Background



This preview shows how the Hex color 00C863 looks on a white background.

Color Contrast Check

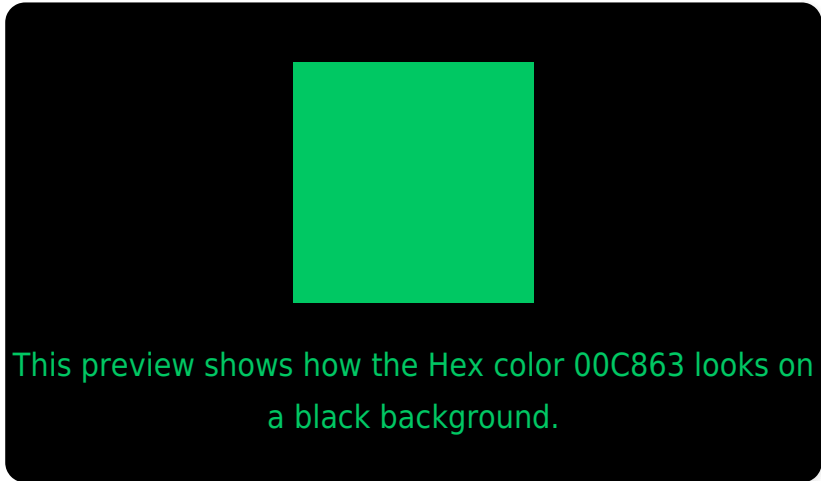
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 00C863 Background



This preview shows how black text looks on a background with the Hex color 00C863.

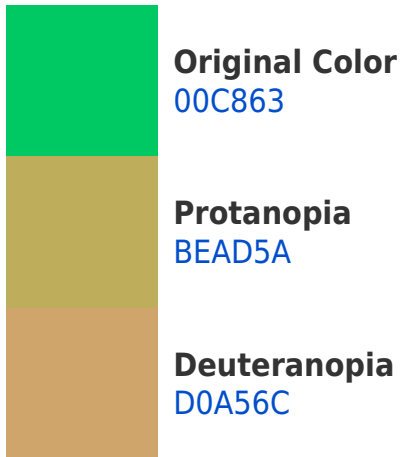


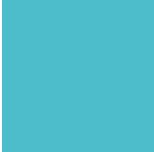
This preview shows how white text looks on a background with the Hex color 00C863.

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





Trichromacy



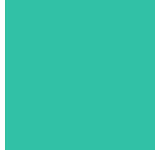
Original Color
00C863



Protanomaly
79B75D



Deuteranomaly
84B269



Tritanomaly
31C1A6

Monochromacy



Original Color
00C863



Achromatopsia
818181



Achromatomaly
529B76

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C863 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 #00C863 looks like.

```
.text, #text, p{  
    color:#00C863  
}
```

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 #00C863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C863
}
```

Border

The CSS property to change the border of an element to Hex 00C863 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
#00C863 }
```

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

```
.border{ border-color:#00C863 }
```

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

Here you see how a box with a 4 pixel #00C863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C863; -webkit-box-shadow:4px 4px  
4px 4px #00C863; box-shadow:4px 4px 4px  
4px #00C863 }
```

Background

The CSS property to change the background color of an element to Hex 00C863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C863 }
```

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

```
.background{ background-color:#00C863 }
```

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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