

Converting Colors

Hex(05C846)

Have a look what the booklet for
Hex(05C846) contains.

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Color

Hex(05C846)

Conversions

Conversions Part 1

Format	Color
Hex	05C846
RGB	5, 200, 70
RGB Percent	2%, 78%, 27%
CMY	0.9804, 0.2157, 0.7255
CMYK	0.97, 0.00, 0.65, 0.22
HSL	140°, 95%, 40%
HSV	140°, 98%, 78%
XYZ	21.8224, 41.7830, 12.7091
YIQ	126.8750, -74.4900, -81.7700

Conversions

Conversions Part 2

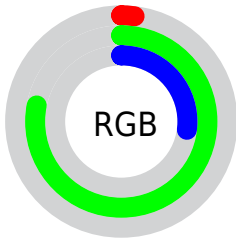
Format	Color
RYB	5, 151, 200
Decimal	378950
CIELab	70.72, -67.63, 51.78
CIELCh	71, 85.175, 142.563
Yxy	41.7830, 0.2860, 0.5475
Android (android.graphics.Color)	4278569030 (0xFF05C846)
YUV	126.8750, -28.0394, -106.8844
Hunter-Lab	64.6398, -52.8581, 33.5906

Details

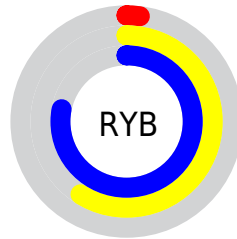
The Hex color **05C846** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C80587**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **67FF7B**, and **009007** is the 20% darker color. If you saturate the color by 10%, you get **00C843**, and if you desaturate by 10%, it is **19C853**.

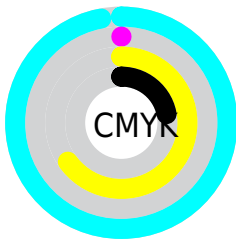
Distribution



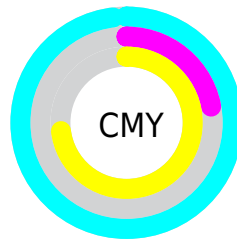
- Red (2%)
- Green (78%)
- Blue (27%)



- Red (2%)
- Yellow (59%)
- Blue (78%)



- Cyan (97%)
- Magenta (0%)
- Yellow (65%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05C846 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 05C846 by changing the saturation by 10% instead.

 05C846

 05C846

FFFFFF

 00AC2B

 67FF7B

 009007

 87FF97

 007500

 A6FFB2

 005B00

 C5FFCF

 004200

 E4FFEC

 002A00

 000500

 000000

 05C846

 05C846

■ 00C843

■ 19C853

■ 2DC861

■ 41C86E

■ 55C87B

■ 69C889

■ 7DC896

■ 91C8A3

■ A5C8B1

■ B9C8BE

Harmonies

Analogous

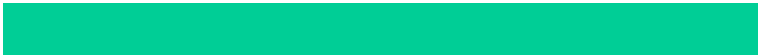
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97BA00



05C846



00CE96

Triad

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



05C846



00BCFF



FF5D77

Complementary

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



05C846



C80587

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.



FF58C4



05C846



7DA1FF

Square

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



05C846



00CBFF



F67AFF



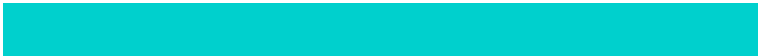
FF812D

Rectangle

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



05C846



00D0CD



F67AFF



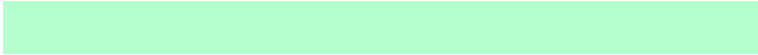
FF5690

Sweetspot

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



05C846



B5FFCE



87C805



538062



000000



808080

Same Dimension

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



05C846



00FF55



05C8A7



5A635D



00A336



00240C

Inverse Universe

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



C80587



FF00AA



C80526



635A60



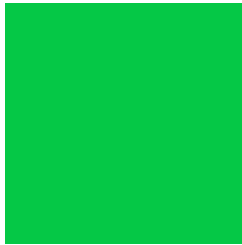
A3006D



240018

Previews

White Background



This preview shows how the Hex color 05C846 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 05C846 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 05C846 Background



This preview shows how black text looks on a background with the Hex color 05C846.

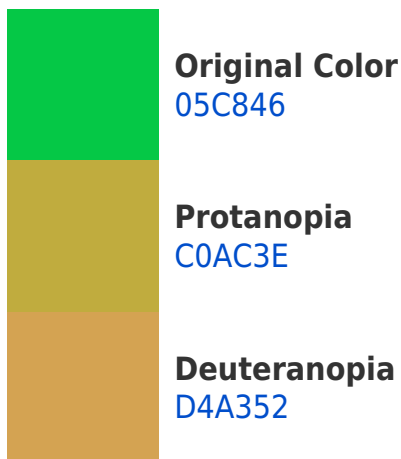


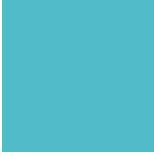
This preview shows how white text looks on a background with the Hex color 05C846.

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
51BBCA

Trichromacy



Original Color
05C846



Protanomaly
7CB641



Deuteranomaly
89B04E



Tritanomaly
35C09A

Monochromacy



Original Color
05C846



Achromatopsia
7F7F7F



Achromatomaly
539A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 05C846 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 #05C846 looks like.

```
.text, #text, p{  
    color:#05C846  
}
```

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 #05C846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05C846
}
```

Border

The CSS property to change the border of an element to Hex 05C846 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
#05C846 }
```

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

```
.border{ border-color:#05C846 }
```

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

Here you see how a box with a 4 pixel #05C846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05C846; -webkit-box-shadow:4px 4px  
4px 4px #05C846; box-shadow:4px 4px 4px  
4px #05C846 }
```

Background

The CSS property to change the background color of an element to Hex 05C846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05C846 }
```

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

```
.background{ background-color:#05C846 }
```

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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