

Converting Colors

Hex(09C745)

Have a look what the booklet for
Hex(09C745) contains.

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Color

Hex(09C745)

Conversions

Conversions Part 1

Format	Color
Hex	09C745
RGB	9, 199, 69
RGB Percent	4%, 78%, 27%
CMY	0.9647, 0.2196, 0.7294
CMYK	0.95, 0.00, 0.65, 0.22
HSL	139°, 91%, 41%
HSV	139°, 95%, 78%
XYZ	21.6103, 41.3346, 12.4696
YIQ	127.3700, -71.5100, -80.7100

Conversions

Conversions Part 2

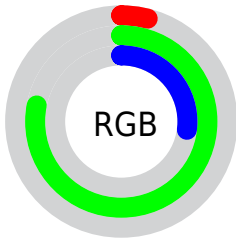
Format	Color
RYB	9, 153, 199
Decimal	640837
CIELab	70.41, -67.28, 51.86
CIELCh	70, 84.950, 142.377
Yxy	41.3346, 0.2866, 0.5481
Android (android.graphics.Color)	4278830917 (0xFF09C745)
YUV	127.3700, -28.7764, -103.8105
Hunter-Lab	64.2920, -52.5123, 33.5049

Details

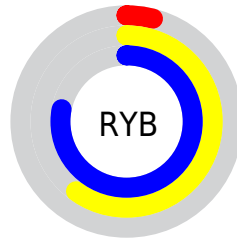
The Hex color **09C745** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C7098B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **67FF7A**, and **008F05** is the 20% darker color. If you saturate the color by 10%, you get **00C73F**, and if you desaturate by 10%, it is **1DC753**.

Distribution



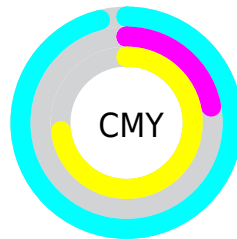
- Red (4%)
- Green (78%)
- Blue (27%)



- Red (4%)
- Yellow (60%)
- Blue (78%)



- Cyan (95%)
- Magenta (0%)
- Yellow (65%)
- Black (22%)



- Cyan (96%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09C745 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 09C745 by changing the saturation by 10% instead.

 09C745

 09C745

FFFFFF

 00AB29

 67FF7A

 008F05

 87FF96

 007400

 A7FFB1

 005A00

 C5FFCE

 004100

 E4FFEA

 002900

 000300

 000000

 09C745

 09C745

■ 00C73F

■ 1DC753

■ 31C760

■ 45C76E

■ 59C77B

■ 6CC789

■ 80C797

■ 94C7A4

■ A8C7B2

■ BCC7C0

Harmonies

Analogous

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



97B900



09C745



00CD95

Triad

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



09C745



00BBFF



FF5D77

Complementary

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



09C745



C7098B

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.



FF58C3



09C745



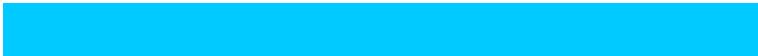
7BA0FF

Square

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



09C745



00CAFF



F57AFF



FF802D

Rectangle

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



09C745



00CFCB



F57AFF



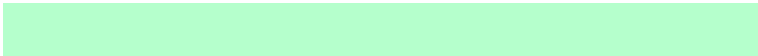
FF5690

Sweetspot

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



09C745



B5FFCC



8EC709



538061



000000



808080

Same Dimension

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



09C745



00FF51



09C7A1



5A635D



00A334



00240B

Inverse Universe

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



C7098B



FF00AE



C7092F



635A60



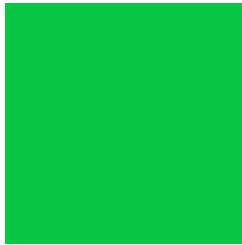
A30070



240018

Previews

White Background



This preview shows how the Hex color 09C745 looks on a white background.

Color Contrast Check

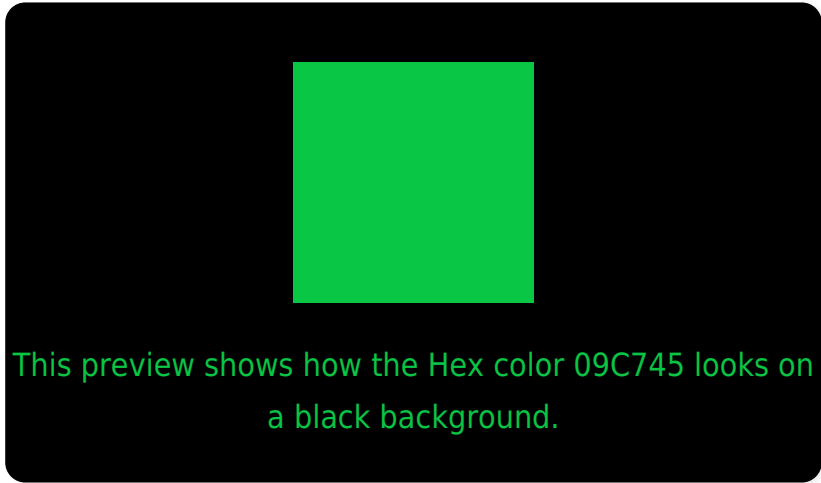
Large Text (above 18pt) WCAG AA × Fail

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 09C745 Background



This preview shows how black text looks on a background with the Hex color 09C745.

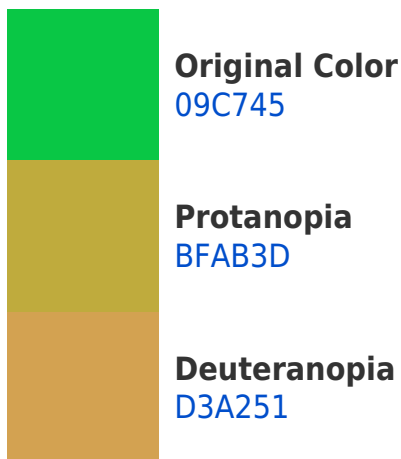


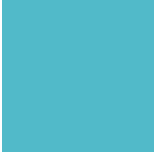
This preview shows how white text looks on a background with the Hex color 09C745.

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
51BAC9

Trichromacy



Original Color
09C745



Protanomaly
7DB540



Deuteranomaly
8AAF4D



Tritanomaly
37BF99

Monochromacy



Original Color
09C745



Achromatopsia
7F7F7F



Achromatomaly
54996A

CSS Examples

Text

The CSS property to change the color of the text to Hex 09C745 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 #09C745 looks like.

```
.text, #text, p{  
    color:#09C745  
}
```

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 #09C745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09C745
}
```

Border

The CSS property to change the border of an element to Hex 09C745 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
#09C745 }
```

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

```
.border{ border-color:#09C745 }
```

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

Here you see how a box with a 4 pixel #09C745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09C745; -webkit-box-shadow:4px 4px  
4px 4px #09C745; box-shadow:4px 4px 4px  
4px #09C745 }
```

Background

The CSS property to change the background color of an element to Hex 09C745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09C745 }
```

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

```
.background{ background-color:#09C745 }
```

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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