

Converting Colors

Hex(07E067)

Have a look what the booklet for
Hex(07E067) contains.

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Color

Hex(07E067)

Conversions

Conversions Part 1

Format	Color
Hex	07E067
RGB	7, 224, 103
RGB Percent	3%, 88%, 40%
CMY	0.9725, 0.1216, 0.5961
CMYK	0.97, 0.00, 0.54, 0.12
HSL	147°, 94%, 45%
HSV	147°, 97%, 88%
XYZ	29.1915, 54.3358, 21.7813
YIQ	145.3230, -90.4910, -83.6350

Conversions

Conversions Part 2

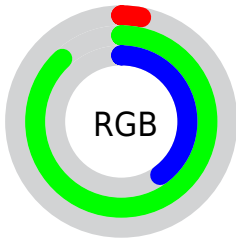
Format	Color
RYB	7, 157, 224
Decimal	516199
CIELab	78.66, -70.66, 46.23
CIELCh	79, 84.440, 146.803
Yxy	54.3358, 0.2772, 0.5160
Android (android.graphics.Color)	4278706279 (0xFF07E067)
YUV	145.3230, -20.8652, -121.3093
Hunter-Lab	73.7128, -58.3085, 34.0795

Details

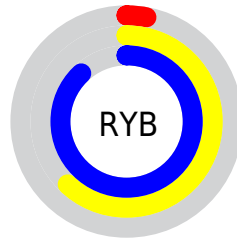
The Hex color **07E067** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E00780**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6DFF9D**, and **00A733** is the 20% darker color. If you saturate the color by 10%, you get **00E063**, and if you desaturate by 10%, it is **1DE073**.

Distribution



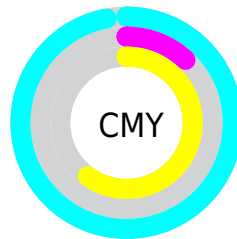
- Red (3%)
- Green (88%)
- Blue (40%)



- Red (3%)
- Yellow (62%)
- Blue (88%)



- Cyan (97%)
- Magenta (0%)
- Yellow (54%)
- Black (12%)



- Cyan (97%)
- Magenta (12%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07E067 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 07E067 by changing the saturation by 10% instead.

 07E067

 07E067

FFFFFF

 00C34D

 6DFF9D

 00A733

 8EFFB8

 008B17

 AEFFD4

 007100

 CDFFF1

 005600

 EDFFF

 003E00

 002400

 000000

 07E067

 07E067

■ 00E063

■ 1DE073

■ 34E080

■ 4AE08C

■ 61E099

■ 77E0A5

■ 8DE0B2

■ A4E0BE

■ BAE0CB

■ D1E0D7

Harmonies

Analogous

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



A3D316



07E067



00E6B7

Triad

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



07E067



00CFFF



FF7B81

Complementary

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



07E067



E00780

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.



FF72CF



07E067



AFB1FF

Square

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



07E067



00E0FF



FF8CFF



FF9C3A

Rectangle

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



07E067



00E7EE



FF8CFF



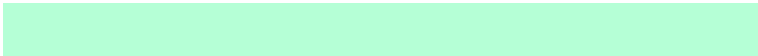
FF749A

Sweetspot

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



07E067



B5FFD6



82E007



538067



000000



808080

Same Dimension

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



07E067



00FF71



07E0D2



65706A



00B04E



003015

Inverse Universe

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



E00780



FF008E



E00715



70656B



B00062



30001B

Previews

White Background



This preview shows how the Hex color 07E067 looks on a white background.

Color Contrast Check

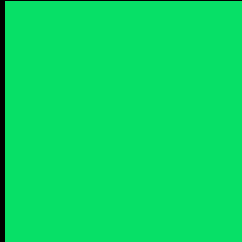
Large Text (above 18pt) WCAG AA × Fail

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 07E067 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 07E067 Background



This preview shows how black text looks on a background with the Hex color 07E067.

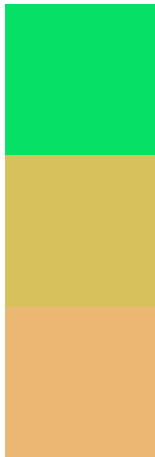


This preview shows how white text looks on a background with the Hex color 07E067.

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](#).

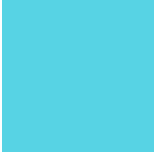
Dichromacy



Original Color
07E067

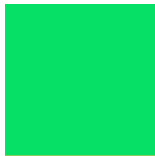
Protanopia
D6C15D

Deuteranopia
EAB872



Tritanopia
57D3E4

Trichromacy



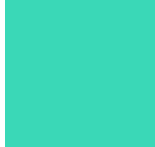
Original Color
07E067



Protanomaly
8BCC61



Deuteranomaly
97C76E



Tritanomaly
3AD8B7

Monochromacy



Original Color
07E067



Achromatopsia
919191



Achromatomaly
5FAE82

CSS Examples

Text

The CSS property to change the color of the text to Hex 07E067 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 #07E067 looks like.

```
.text, #text, p{  
    color:#07E067  
}
```

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 #07E067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07E067
}
```

Border

The CSS property to change the border of an element to Hex 07E067 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
#07E067 }
```

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

```
.border{ border-color:#07E067 }
```

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

Here you see how a box with a 4 pixel #07E067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07E067; -webkit-box-shadow:4px 4px  
4px 4px #07E067; box-shadow:4px 4px 4px  
4px #07E067 }
```

Background

The CSS property to change the background color of an element to Hex 07E067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07E067 }
```

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

```
.background{ background-color:#07E067 }
```

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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