

# Converting Colors

Hex(07DF4E)

Have a look what the booklet for  
Hex(07DF4E) contains.

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# Color

Hex(07DF4E)

# Conversions

## Conversions Part 1

Format	Color
Hex	07DF4E
RGB	7, 223, 78
RGB Percent	3%, 87%, 31%
CMY	0.9725, 0.1255, 0.6941
CMYK	0.97, 0.00, 0.65, 0.13
HSL	140°, 94%, 45%
HSV	140°, 97%, 87%
XYZ	27.8504, 53.3706, 16.0414
YIQ	141.8860, -82.1910, -90.8870

# Conversions

## Conversions Part 2

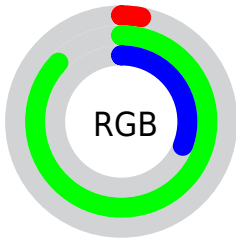
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 170, 223
Decimal	515918
CIELab	78.09, -73.48, 56.60
CIELCh	78, 92.747, 142.392
Yxy	53.3706, 0.2863, 0.5487
Android (android.graphics.Color)	4278705998 (0xFF07DF4E)
YUV	141.8860, -31.4958, -118.2950
Hunter-Lab	73.0552, -59.7979, 38.1198

# Details

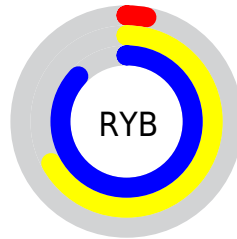
The Hex color **07DF4E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DF0798**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6DFF84**, and **00A60F** is the 20% darker color. If you saturate the color by 10%, you get **00DF49**, and if you desaturate by 10%, it is **1DDF5D**.

# Distribution



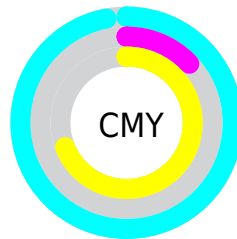
- Red (3%)
- Green (87%)
- Blue (31%)



- Red (3%)
- Yellow (67%)
- Blue (87%)



- Cyan (97%)
- Magenta (0%)
- Yellow (65%)
- Black (13%)



- Cyan (97%)
- Magenta (13%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07DF4E 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 07DF4E by changing the saturation by 10% instead.



 07DF4E

 07DF4E

FFFFFF

 00C232

 6DFF84

 00A60F

 8FFFA0

 008A00

 AFFFBC

 006F00

 CFFFD9

 005500

 EEEFF6

 003D00

 002300

 000000

 07DF4E

 07DF4E

00DF49

1DDF5D

34DF6C

4ADF7B

60DF8A

76DF99

8DDFA8

A3DFB7

B9DFC6

D0DFD5

# Harmonies

## Analogous

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



AAD000



07DF4E



00E6A8

# Triad

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



07DF4E



00D2FF



FF6885

# Complementary

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



07DF4E



DF0798

# 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.



FF63DB



07DF4E



8BB4FF

# Square

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



07DF4E



00E2FF



FF89FF



FF9033

# Rectangle

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



07DF4E



00E8E4



FF89FF



FF60A1

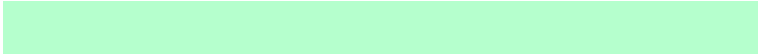


# Sweetspot

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



07DF4E



B5FFCD



9BDF07



538062



000000



808080



# Same Dimension

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



07DF4E



00FF54



07DFB7



657069



00B03A



003010



# Inverse Universe

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



DF0798



FF00AB



DF072F



70656D



B00076

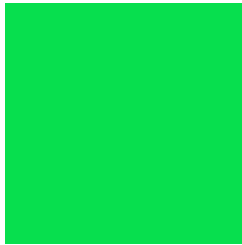


300021



# Previews

## White Background



This preview shows how the Hex color 07DF4E 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 07DF4E 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

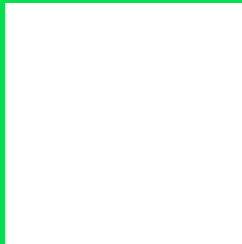
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 07DF4E Background



This preview shows how black text looks on a background with the Hex color 07DF4E.

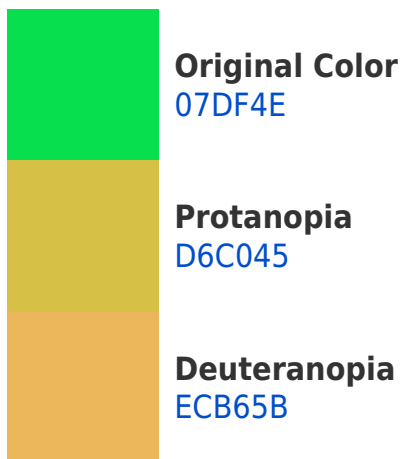


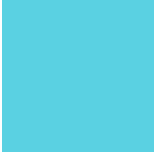
This preview shows how white text looks on a background with the Hex color 07DF4E.

# 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](#).

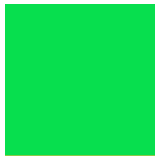
## Dichromacy





**Tritanopia**  
5AD1E2

# Trichromacy



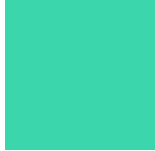
**Original Color**  
07DF4E



**Protanomaly**  
8BCB48



**Deuteranomaly**  
99C556



**Tritanomaly**  
3CD6AC

# Monochromacy



**Original Color**  
07DF4E



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
5DAB77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07DF4E 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 #07DF4E looks like.

```
.text, #text, p{  
    color:#07DF4E  
}
```

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 #07DF4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07DF4E
}
```

## Border

The CSS property to change the border of an element to Hex 07DF4E 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
#07DF4E }
```

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

```
.border{ border-color:#07DF4E }
```

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

Here you see how a box with a 4 pixel #07DF4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07DF4E; -webkit-box-shadow:4px 4px  
4px 4px #07DF4E; box-shadow:4px 4px 4px  
4px #07DF4E }
```

# Background

The CSS property to change the background color of an element to Hex 07DF4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07DF4E }
```

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

```
.background{ background-color:#07DF4E }
```

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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