

# Converting Colors

Hex(0FED4F)

Have a look what the booklet for  
Hex(0FED4F) contains.

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# Color

Hex(0FED4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	0FED4F
RGB	15, 237, 79
RGB Percent	6%, 93%, 31%
CMY	0.9412, 0.0706, 0.6902
CMYK	0.94, 0.00, 0.67, 0.07
HSL	137°, 88%, 49%
HSV	137°, 94%, 93%
XYZ	31.8925, 61.2344, 17.5357
YIQ	152.6100, -81.5940, -96.2020

# Conversions

## Conversions Part 2

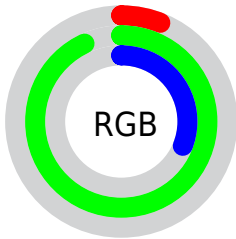
Format	Color
<a href="#">RYB</a>	<a href="#">15, 187, 237</a>
Decimal	<a href="#">1043791</a>
CIELab	<a href="#">82.50, -77.14, 61.02</a>
CIELCh	<a href="#">83, 98.360, 141.655</a>
Yxy	<a href="#">61.2344, 0.2882, 0.5533</a>
Android (android.graphics.Color)	<a href="#">4279233871 (0xFF0FED4F)</a>
YUV	<a href="#">152.6100, -36.2897, -120.6840</a>
Hunter-Lab	<a href="#">78.2524, -64.1925, 41.4904</a>

# Details

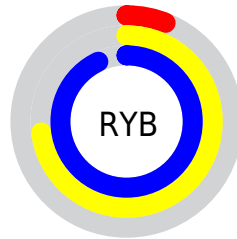
The Hex color **0FED4F** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **ED0FAD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **73FF87**, and **00B30B** is the 20% darker color. If you saturate the color by 10%, you get **00ED44**, and if you desaturate by 10%, it is **27ED60**.

# Distribution



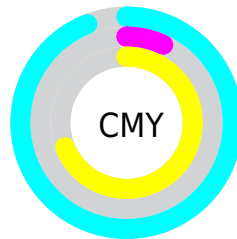
- Red (6%)
- Green (93%)
- Blue (31%)



- Red (6%)
- Yellow (73%)
- Blue (93%)



- Cyan (94%)
- Magenta (0%)
- Yellow (67%)
- Black (7%)



- Cyan (94%)
- Magenta (7%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FED4F 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 0FED4F by changing the saturation by 10% instead.



 0FED4F

 0FED4F

FFFFFF

 00D032

 73FF87

 00B30B

 95FFA3

 009700

 B5FFBF

 007C00

 D5FFDC

 006100

 F5FFF9

 004800

 002E00

 001000

 000000

 0FED4F

 0FED4F

 00ED44

 27ED60

 3EED71

 56ED82

 6EED92

 85EDA3

 9DEDB4

 B5EDC5

 CDEDD6

 E4EDE7

# Harmonies

## Analogous

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



B6DD00



0FED4F



00F5B0

# Triad

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



0FED4F



00E0FF



FF6C8F

# Complementary

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



0FED4F



ED0FAD

# Split Complementary

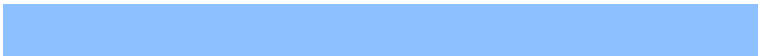
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF67EB



0FED4F



8CC0FF

# Square

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



0FED4F



00F1FF



FF92FF



FF9737

# Rectangle

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



0FED4F



00F7F0



FF92FF



FF64AD

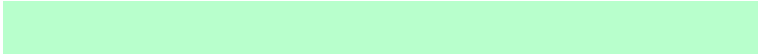


# Sweetspot

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



0FED4F



B8FFCC



AEED0F



548061



000000



808080



# Same Dimension

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



0FED4F



00FF4A



0FEDBD



6A756D



00B534



00360F



# Inverse Universe

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



ED0FAD



FF00B5



ED0F3F



756A72



B50081

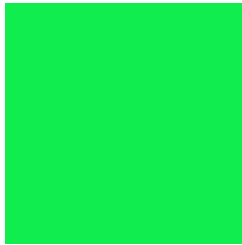


360026



# Previews

## White Background



This preview shows how the Hex color 0FED4F 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 0FED4F 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 0FED4F Background



This preview shows how black text looks on a background with the Hex color 0FED4F.

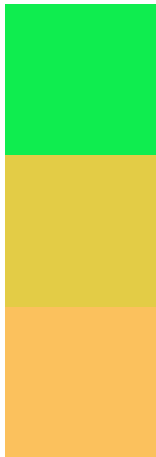


This preview shows how white text looks on a background with the Hex color 0FED4F.

# 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](#).

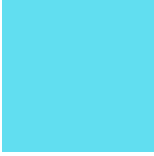
## Dichromacy



**Original Color**  
0FED4F

**Protanopia**  
E3CC46

**Deuteranopia**  
FBC15D



**Tritanopia**  
61DEF0

# Trichromacy



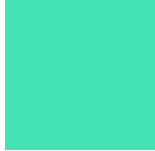
**Original Color**  
0FED4F



**Protanomaly**  
96D849



**Deuteranomaly**  
A5D158



**Tritanomaly**  
43E3B5

# Monochromacy



**Original Color**  
0FED4F



**Achromatopsia**  
999999



**Achromatomaly**  
67B87E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FED4F 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 #0FED4F looks like.

```
.text, #text, p{  
    color:#0FED4F  
}
```

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 #0FED4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FED4F
}
```

## Border

The CSS property to change the border of an element to Hex 0FED4F 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
#0FED4F }
```

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

```
.border{ border-color:#0FED4F }
```

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

Here you see how a box with a 4 pixel #0FED4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FED4F; -webkit-box-shadow:4px 4px  
4px 4px #0FED4F; box-shadow:4px 4px 4px  
4px #0FED4F }
```

# Background

The CSS property to change the background color of an element to Hex 0FED4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FED4F }
```

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

```
.background{ background-color:#0FED4F }
```

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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