

Converting Colors

Hex(0FC85F)

Have a look what the booklet for
Hex(0FC85F) contains.

Hex(0FC85F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0FC85F)

Conversions

Conversions Part 1

Format	Color
Hex	0FC85F
RGB	15, 200, 95
RGB Percent	6%, 78%, 37%
CMY	0.9412, 0.2157, 0.6275
CMYK	0.92, 0.00, 0.53, 0.22
HSL	146°, 86%, 42%
HSV	146°, 92%, 78%
XYZ	22.9168, 42.2363, 17.7711
YIQ	132.7150, -76.5550, -71.8750

Conversions

Conversions Part 2

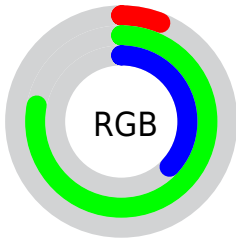
Format	Color
RYB	15, 144, 200
Decimal	1034335
CIELab	71.03, -63.94, 40.76
CIELCh	71, 75.829, 147.485
Yxy	42.2363, 0.2764, 0.5093
Android (android.graphics.Color)	4279224415 (0xFF0FC85F)
YUV	132.7150, -18.5935, -103.2361
Hunter-Lab	64.9895, -50.7883, 29.2801

Details

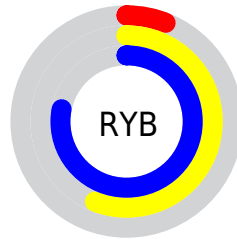
The Hex color **0FC85F** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C80F78**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **68FF93**, and **00902C** is the 20% darker color. If you saturate the color by 10%, you get **00C856**, and if you desaturate by 10%, it is **23C86A**.

Distribution



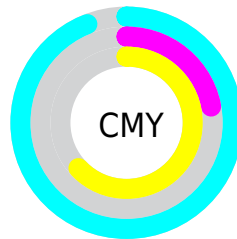
- Red (6%)
- Green (78%)
- Blue (37%)



- Red (6%)
- Yellow (56%)
- Blue (78%)



- Cyan (92%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)



- Cyan (94%)
- Magenta (22%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FC85F 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 0FC85F by changing the saturation by 10% instead.

 0FC85F

 0FC85F

FFFFFF

 00AC46

 68FF93

 00902C

 88FFAF

 007611

 A6FFCB

 005B00

 C5FFE7

 004200

 E4FFFF

 002B00

 000700

 000000

 0FC85F

 0FC85F

■ 00C856

■ 23C86A

■ 37C876

■ 4BC881

■ 5FC88C

■ 73C898

■ 87C8A3

■ 9BC8AE

■ AFC8BA

■ C3C8C5

Harmonies

Analogous

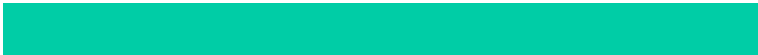
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91BC1D



0FC85F



00CDA6

Triad

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



0FC85F



00B8FF



FF7072

Complementary

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



0FC85F



C80F78

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.



FF68B7



0FC85F



A19EFF

Square

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



0FC85F



00C7FF



FB7EF9



FF8D35

Rectangle

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



0FC85F



00CED5



FB7EF9



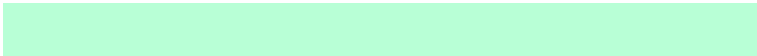
FF6A89

Sweetspot

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



0FC85F



B8FFD6



7BC80F



548067



000000



808080

Same Dimension

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



0FC85F



00FF6E



0FC8B9



5A635E



00A347



00240F

Inverse Universe

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



C80F78



FF0091



C80F1E



635A5F



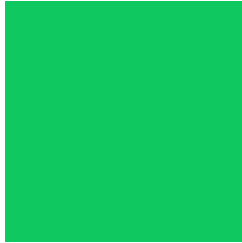
A3005D



240014

Previews

White Background



This preview shows how the Hex color 0FC85F looks on a white background.

Color Contrast Check

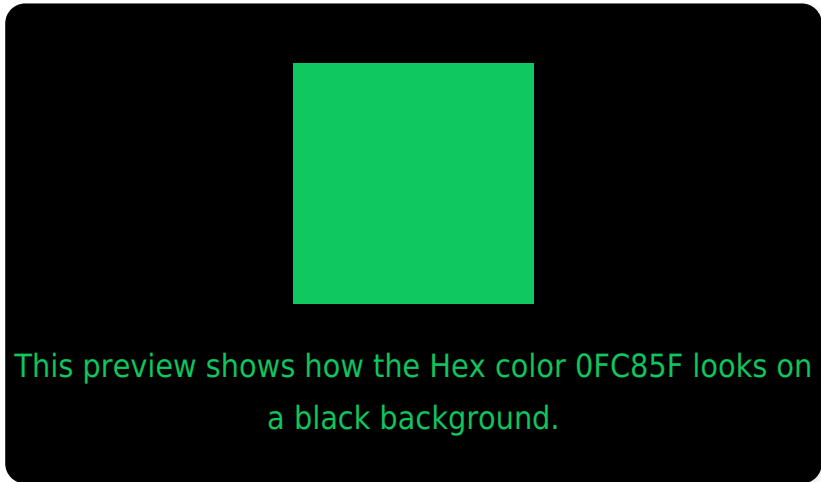
Large Text (above 18pt) WCAG AA × Fail

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 0FC85F Background



This preview shows how black text looks on a background with the Hex color 0FC85F.

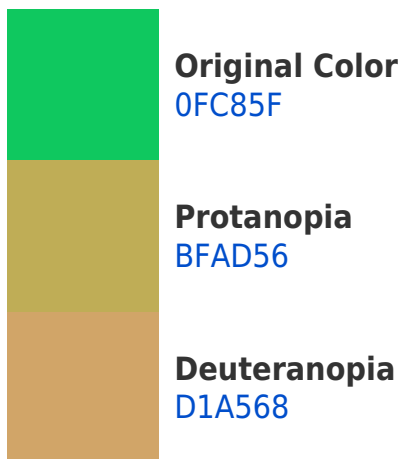


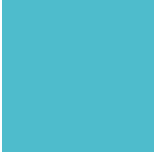
This preview shows how white text looks on a background with the Hex color 0FC85F.

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





Trichromacy



Original Color
0FC85F



Protanomaly
7FB759



Deuteranomaly
8AB265



Tritanomaly
37C0A4

Monochromacy



Original Color
0FC85F



Achromatopsia
858585



Achromatomaly
5A9D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FC85F 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 #0FC85F looks like.

```
.text, #text, p{  
    color:#0FC85F  
}
```

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 #0FC85F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FC85F
}
```

Border

The CSS property to change the border of an element to Hex 0FC85F 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
#0FC85F }
```

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

```
.border{ border-color:#0FC85F }
```

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

Here you see how a box with a 4 pixel #0FC85F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FC85F; -webkit-box-shadow:4px 4px  
4px 4px #0FC85F; box-shadow:4px 4px 4px  
4px #0FC85F }
```

Background

The CSS property to change the background color of an element to Hex 0FC85F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FC85F }
```

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

```
.background{ background-color:#0FC85F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor