

# Converting Colors

Hex(0CFB6F)

Have a look what the booklet for  
Hex(0CFB6F) contains.

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# Color

Hex(0CFB6F)

# Conversions

## Conversions Part 1

Format	Color
Hex	0CFB6F
RGB	12, 251, 111
RGB Percent	5%, 98%, 44%
CMY	0.9529, 0.0157, 0.5647
CMYK	0.95, 0.00, 0.56, 0.02
HSL	145°, 97%, 52%
HSV	145°, 95%, 98%
XYZ	37.5180, 70.2202, 26.6154
YIQ	163.5790, -97.5040, -94.2080

# Conversions

## Conversions Part 2

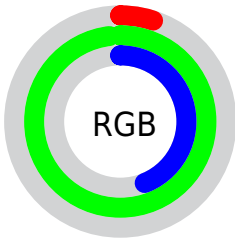
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">12, 181, 251</a>
Decimal	<a href="#">850799</a>
CIELab	<a href="#">87.10, -77.64, 52.72</a>
CIELCh	<a href="#">87, 93.844, 145.824</a>
Yxy	<a href="#">70.2202, 0.2792, 0.5227</a>
Android (android.graphics.Color)	<a href="#">4279040879</a> ( <a href="#">0xFF0CFB6F</a> )
YUV	<a href="#">163.5790, -25.9214, -132.9348</a>
Hunter-Lab	<a href="#">83.7975, -66.7271, 39.8268</a>

# Details

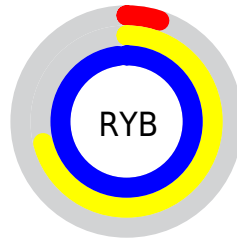
The Hex color **0CFB6F** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **FB0C98**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **75FFA6**, and **00C139** is the 20% darker color. If you saturate the color by 10%, you get **00FB68**, and if you desaturate by 10%, it is **25FB7E**.

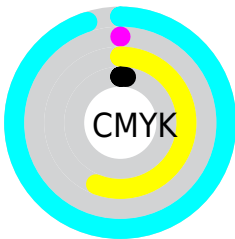
# Distribution



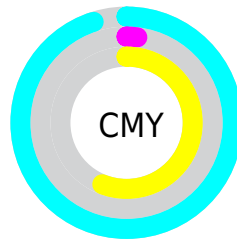
- Red (5%)
- Green (98%)
- Blue (44%)



- Red (5%)
- Yellow (71%)
- Blue (98%)



- Cyan (95%)
- Magenta (0%)
- Yellow (56%)
- Black (2%)



- Cyan (95%)
- Magenta (2%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CFB6F 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 0CFB6F by changing the saturation by 10% instead.



 0CFB6F

FFFFFF

 75FFA6

 97FFC2

 B8FFDE

 D9FFFC

 F9FFFF

 0CFB6F

 00DE54

 00C139

 00A41C

 008900

 006E00

 005300

 003B00

 002000

 000000

 0CFB6F

 0CFB6F

 00FB68

 25FB7E

 3EFB8C

 57FB9B

 70FBAA

 8AFBB9

 A3FBC7

 BCFBD6

 D5FBE5

 EEFBF3

# Harmonies

## Analogous

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



B9EC05



0CFB6F



00FFCA

# Triad

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



0CFB6F



00E9FF



FF8792

# Complementary

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



0CFB6F



FB0C98

# 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.



FF7DEB



0CFB6F



BEC8FF

# Square

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



0CFB6F



00FBFF



FF9DFF



FFAD41

# Rectangle

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



0CFB6F



00FFFF



FF9DFF



FF7FAF

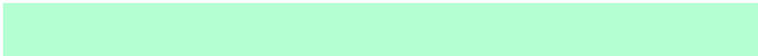


# Sweetspot

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



0CFB6F



B5FFD4



9BFB0C



538065



000000



808080



# Same Dimension

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



0CFB6F



00FF6A



0CFBE3



707D76



00BD4E



003D19



# Inverse Universe

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



FB0C98



FF0095



FB0C24



7D7078



BD006F

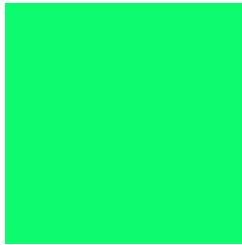


3D0024



# Previews

## White Background



This preview shows how the Hex color 0CFB6F looks on a white background.

## Color Contrast Check

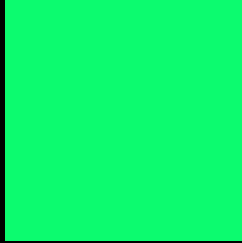
Large Text (above 18pt) WCAG AA × Fail

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 0CFB6F 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 0CFB6F Background



This preview shows how black text looks on a background with the Hex color 0CFB6F.

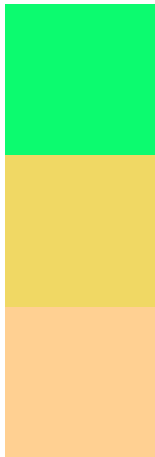


This preview shows how white text looks on a background with the Hex color 0CFB6F.

# 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**  
0CFB6F

**Protanopia**  
F0D864

**Deuteranopia**  
FFD092



**Tritanopia**  
63ECFF

# Trichromacy



**Original Color**  
0CFB6F



**Protanomaly**  
9DE568



**Deuteranomaly**  
A7E085

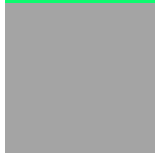


**Tritanomaly**  
43F1CB

# Monochromacy



**Original Color**  
0CFB6F



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
6DC491

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CFB6F 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 #0CFB6F looks like.

```
.text, #text, p{  
    color:#0CFB6F  
}
```

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 #0CFB6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CFB6F
}
```

## Border

The CSS property to change the border of an element to Hex 0CFB6F 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
#0CFB6F }
```

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

```
.border{ border-color:#0CFB6F }
```

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

Here you see how a box with a 4 pixel #0CFB6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CFB6F; -webkit-box-shadow:4px 4px  
4px 4px #0CFB6F; box-shadow:4px 4px 4px  
4px #0CFB6F }
```

# Background

The CSS property to change the background color of an element to Hex 0CFB6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CFB6F }
```

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

```
.background{ background-color:#0CFB6F }
```

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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