

# Converting Colors

Hex(0FCF85)

Have a look what the booklet for  
Hex(0FCF85) contains.

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# Color

Hex(0FCF85)

# Conversions

## Conversions Part 1

Format	Color
Hex	0FCF85
RGB	15, 207, 133
RGB Percent	6%, 81%, 52%
CMY	0.9412, 0.1882, 0.4784
CMYK	0.93, 0.00, 0.36, 0.19
HSL	157°, 86%, 44%
HSV	157°, 93%, 81%
XYZ	26.7435, 46.4207, 29.7409
YIQ	141.1560, -90.6780, -63.7180

# Conversions

## Conversions Part 2

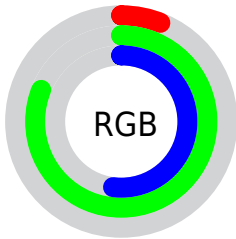
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">15, 134, 207</a>
Decimal	<a href="#">1036165</a>
CIELab	<a href="#">73.82, -59.51, 25.09</a>
CIELCh	<a href="#">74, 64.579, 157.136</a>
Yxy	<a href="#">46.4207, 0.2599, 0.4511</a>
Android (android.graphics.Color)	<a href="#">4279226245 (0xFF0FCF85)</a>
YUV	<a href="#">141.1560, -4.0209, -110.6388</a>
Hunter-Lab	<a href="#">68.1327, -49.1674, 21.8120</a>

# Details

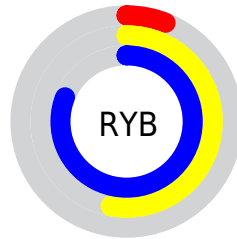
The Hex color **0FCF85** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CF0F59**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **69FFBB**, and **009753** is the 20% darker color. If you saturate the color by 10%, you get **00CF7F**, and if you desaturate by 10%, it is **24CF8D**.

# Distribution



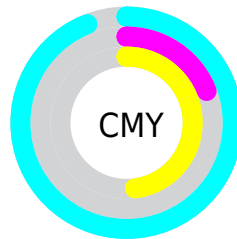
- Red (6%)
- Green (81%)
- Blue (52%)



- Red (6%)
- Yellow (53%)
- Blue (81%)



- Cyan (93%)
- Magenta (0%)
- Yellow (36%)
- Black (19%)



- Cyan (94%)
- Magenta (19%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FCF85 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 0FCF85 by changing the saturation by 10% instead.



 0FCF85

 0FCF85

FFFFFF

 00B36B

 69FFBB

 009753

 89FFD6

 007C3B

 A8FFF3

 006224

 C7FFFF

 00490E

 E6FFFF

 003200

 001600

 000000

 0FCF85

 0FCF85

■ 00CF7F

■ 24CF8D

■ 38CF95

■ 4DCF9D

■ 62CFA5

■ 77CFAD

■ 8BCFB5

■ A0CFBD

■ B5CFC5

■ C9CFCD

# Harmonies

## Analogous

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



89C651



0FCF85



00D2C2

# Triad

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



0FCF85



57B7FF



FF8B71

# Complementary

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



0FCF85



CF0F59

# 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.



FF7FAA



0FCF85



CBA0FF

# Square

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



0FCF85



00C8FF



FF88E5



FAA245

# Rectangle

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



0FCF85



00D2EA



FF88E5



FF8583

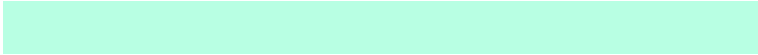


# Sweetspot

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



0FCF85



B8FFE3



5CCF0F



54806F



000000



808080



# Same Dimension

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



0FCF85



00FF9D



0FBCCF



5E6965



00A867



002919



# Inverse Universe

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



CF0F59



FF0062



CF220F



695E62



A80041

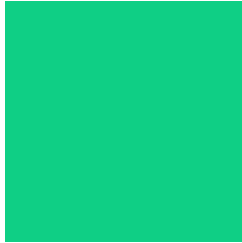


290010



# Previews

## White Background



This preview shows how the Hex color 0FCF85 looks on a white background.

## Color Contrast Check

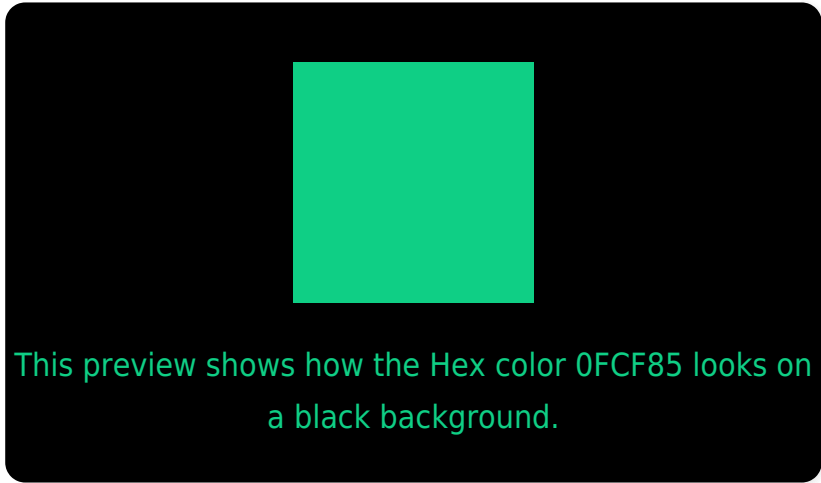
Large Text (above 18pt) WCAG AA × Fail

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 0FCF85 Background



This preview shows how black text looks on a background with the Hex color 0FCF85.

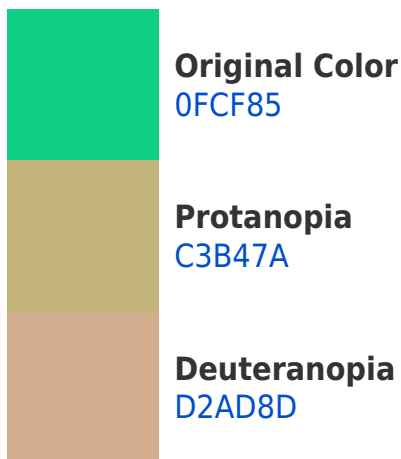


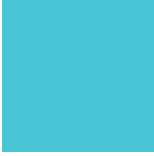
This preview shows how white text looks on a background with the Hex color 0FCF85.

# 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**  
4AC5D5

# Trichromacy



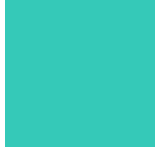
**Original Color**  
0FCF85



**Protanomaly**  
82BE7E

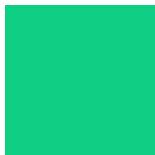


**Deuteranomaly**  
8BB98A



**Tritanomaly**  
35C9B8

# Monochromacy



**Original Color**  
0FCF85



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
5FA58A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FCF85 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 #0FCF85 looks like.

```
.text, #text, p{  
    color:#0FCF85  
}
```

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 #0FCF85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FCF85
}
```

## Border

The CSS property to change the border of an element to Hex 0FCF85 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
#0FCF85 }
```

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

```
.border{ border-color:#0FCF85 }
```

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

Here you see how a box with a 4 pixel #0FCF85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FCF85; -webkit-box-shadow:4px 4px  
4px 4px #0FCF85; box-shadow:4px 4px 4px  
4px #0FCF85 }
```

# Background

The CSS property to change the background color of an element to Hex 0FCF85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FCF85 }
```

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

```
.background{ background-color:#0FCF85 }
```

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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