

# Converting Colors

Hex(85FF6F)

Have a look what the booklet for  
Hex(85FF6F) contains.

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**Color**

**Hex(85FF6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85FF6F
RGB	133, 255, 111
RGB Percent	52%, 100%, 44%
CMY	0.4784, 0.0000, 0.5647
CMYK	0.48, 0.00, 0.56, 0.00
HSL	111°, 100%, 72%
HSV	111°, 56%, 100%
XYZ	48.3021, 77.6542, 27.4819
YIQ	202.1060, -26.4880, -70.6480

# Conversions

## Conversions Part 2

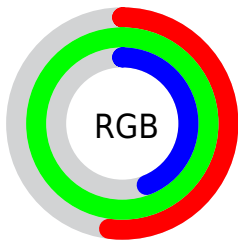
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 255, 233</a>
Decimal	<a href="#">8781679</a>
CIELab	<a href="#">90.62, -60.57, 57.44</a>
CIELCh	<a href="#">91, 83.474, 136.521</a>
Yxy	<a href="#">77.6542, 0.3148, 0.5061</a>
Android (android.graphics.Color)	<a href="#">4286971759 (0xFF85FF6F)</a>
YUV	<a href="#">202.1060, -44.9153, -60.6060</a>
Hunter-Lab	<a href="#">88.1216, -56.3717, 43.1948</a>

# Details

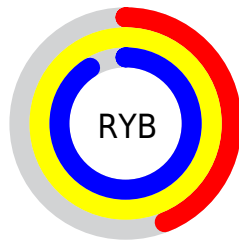
The Hex color **85FF6F** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E96FFF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C1FFA6**, and **46C538** is the 20% darker color. If you saturate the color by 10%, you get **6FFF56**, and if you desaturate by 10%, it is **9BFF89**.

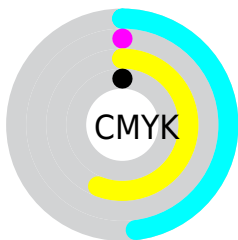
# Distribution



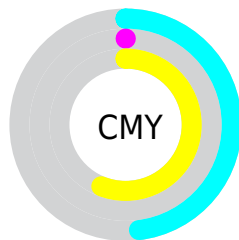
- Red (52%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (91%)



- Cyan (48%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85FF6F 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 85FF6F by changing the saturation by 10% instead.



 85FF6F

 85FF6F

FFFFFF

 66E254

 C1FFA6

 46C538

 DFFFC2


 1DA918

 FEFFDF

 008E00

FFFFFFD

 007300

 005A00

 004100

 002A00

 000400

 85FF6F

 85FF6F

 6FFF56

 9BFF89

 5AFF3C

 B0FFA2

 44FF22

 C6FFBC

 2FFF09

 DBFFD5

 27FF00

 F1FFE0

FFFFFF

# Harmonies

## Analogous

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



E3EE37



85FF6F



00FFBC

# Triad

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



85FF6F



00F7FF



FF9ABB

# Complementary

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



85FF6F



E96FFF

# 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.



FF9DFF



85FF6F



9EDEFF

# Square

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



85FF6F



00FFFF



FFBBFF



FFB372

# Rectangle

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



85FF6F



00FF4



FFBBFF



FF97D6

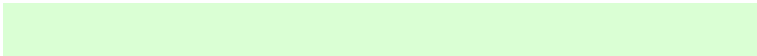


# Sweetspot

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



85FF6F



DAFFD4



FFE76F



6A8066



000000



808080



# Same Dimension

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



85FF6F



6CFF52



6FFF9F



758073



1DBF00



0A4000



# Inverse Universe

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



E96FFF



E552FF



FF6FCF



7E7380



A200BF

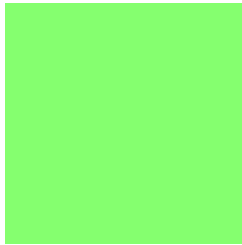


360040



# Previews

## White Background



This preview shows how the Hex color 85FF6F looks on a white background.

## Color Contrast Check

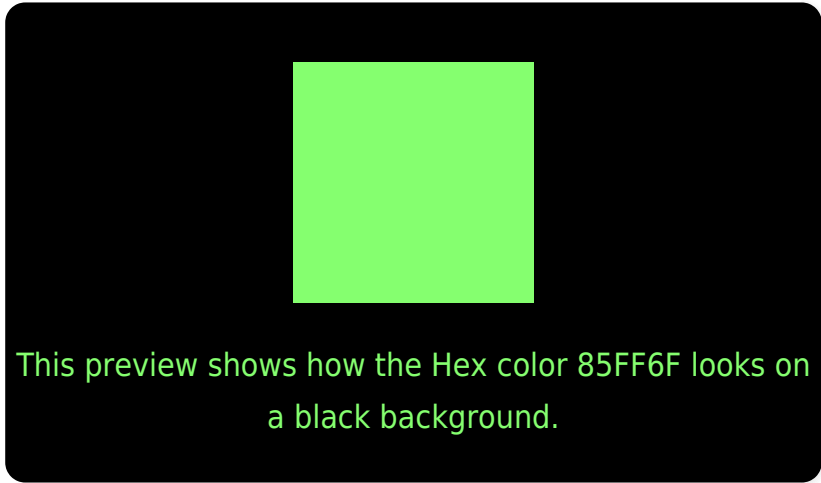
Large Text (above 18pt) WCAG AA × Fail

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

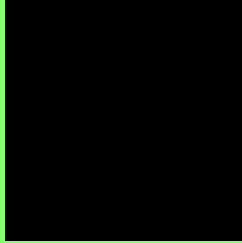
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

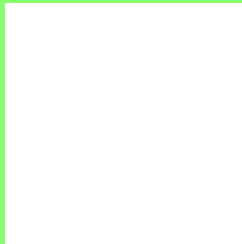
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85FF6F Background



This preview shows how black text looks on a background with the Hex color 85FF6F.

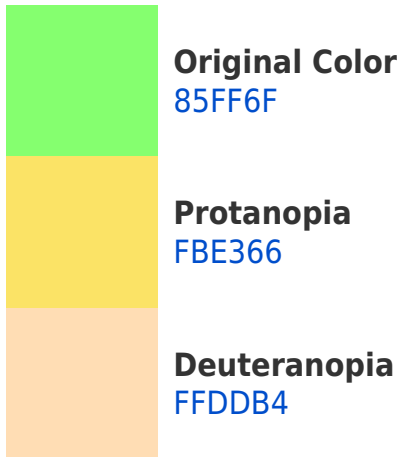


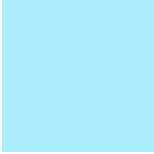
This preview shows how white text looks on a background with the Hex color 85FF6F.

# 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

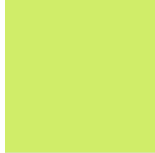




# Trichromacy



**Original Color**  
85FF6F



**Protanomaly**  
D0ED69

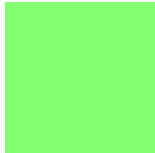


**Deuteranomaly**  
D3E99B

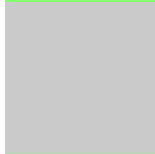


**Tritanomaly**  
9EF4CB

# Monochromacy



**Original Color**  
85FF6F



**Achromatopsia**  
CACACA



**Achromatomaly**  
B1DDA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85FF6F 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 #85FF6F looks like.

```
.text, #text, p{  
    color:#85FF6F  
}
```

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 #85FF6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85FF6F
}
```

## Border

The CSS property to change the border of an element to Hex 85FF6F 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
#85FF6F }
```

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

```
.border{ border-color:#85FF6F }
```

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

Here you see how a box with a 4 pixel #85FF6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85FF6F; -webkit-box-shadow:4px 4px  
4px 4px #85FF6F; box-shadow:4px 4px 4px  
4px #85FF6F }
```

# Background

The CSS property to change the background color of an element to Hex 85FF6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85FF6F }
```

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

```
.background{ background-color:#85FF6F }
```

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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