

# Converting Colors

Hex(85E45F)

Have a look what the booklet for  
Hex(85E45F) contains.

|                                                |    |
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**Color**

**Hex(85E45F)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 85E45F                       |
| RGB         | 133, 228, 95                 |
| RGB Percent | 52%, 89%, 37%                |
| CMY         | 0.4784, 0.1059, 0.6275       |
| CMYK        | 0.42, 0.00, 0.58, 0.11       |
| HSL         | 103°, 71%, 63%               |
| HSV         | 103°, 58%, 89%               |
| XYZ         | 39.4818, 61.2996, 20.5776    |
| YIQ         | 184.4330, -13.9270, -61.5030 |

# Conversions

## Conversions Part 2

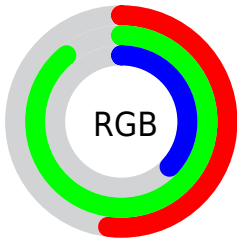
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 95, 228, 190                    |
| Decimal                             | 8774751                         |
| CIELab                              | 82.54, -51.67, 55.12            |
| CIElCh                              | 83, 75.553, 133.148             |
| Yxy                                 | 61.2996, 0.3253,<br>0.5051      |
| Android<br>(android.graphics.Color) | 4286964831<br>(0xFF85E45F)      |
| YUV                                 | 184.4330, -44.0905,<br>-45.1067 |
| Hunter-Lab                          | 78.2940, -47.0013,<br>39.2230   |

# Details

The Hex color **85E45F** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **BE5FE4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BFFF95**, and **4BAC28** is the 20% darker color. If you saturate the color by 10%, you get **75E448**, and if you desaturate by 10%, it is **95E476**.

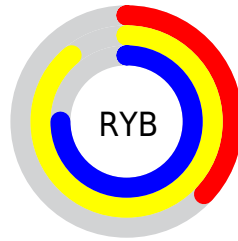
# Distribution



Red (52%)

Green (89%)

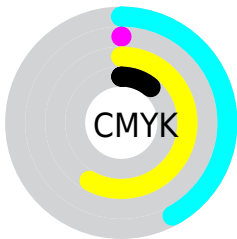
Blue (37%)



Red (37%)

Yellow (89%)

Blue (75%)

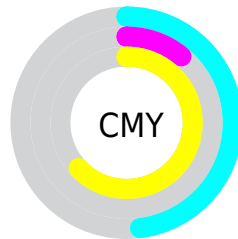


Cyan (42%)

Magenta (0%)

Yellow (58%)

Black (11%)



Cyan (48%)

Magenta (11%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85E45F 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 85E45F by changing the saturation by 10% instead.



 85E45F

 85E45F

FFFFFF

 68C844

 BFFF95

 4BAC28

 DDFFB1

 2A9100

 FAFFCD

 007600

 FFFFEA

 005D00

 004400

 002E00

 001000

 000000

 85E45F

 85E45F

 75E448

 95E476

 64E431

 A6E48D

 54E41B

 B6E4A3

 44E404

 C6E4BA

 41E400

 D6E4D1

 E7E4E8

 F7E4FF

 FFE4FF

# Harmonies

## Analogous

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



D5D432



85E45F



00EDA2

# Triad

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



85E45F



00E0FF



FF8BB1

# Complementary

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



85E45F



BE5FE4

# 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.



FF91F8



85E45F



7DCBFF

# Square

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



85E45F



00ECFF



F9ADFF



FF9F6F

# Rectangle

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



85E45F



00EFD3



F9ADFF



FF8AC9

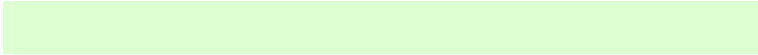


# Sweetspot

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



85E45F



DEFFD1



E4BC5F



6B8063



000000



808080



# Same Dimension

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



85E45F



80FF4D



5FE47A



6B7367



33B300



0F3300



# Inverse Universe

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



BE5FE4



CC4DFF



E45FC9



6F6773



8000B3

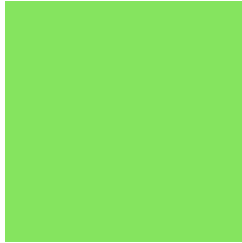


240033



# Previews

## White Background



This preview shows how the Hex color 85E45F looks on a white background.

## Color Contrast Check

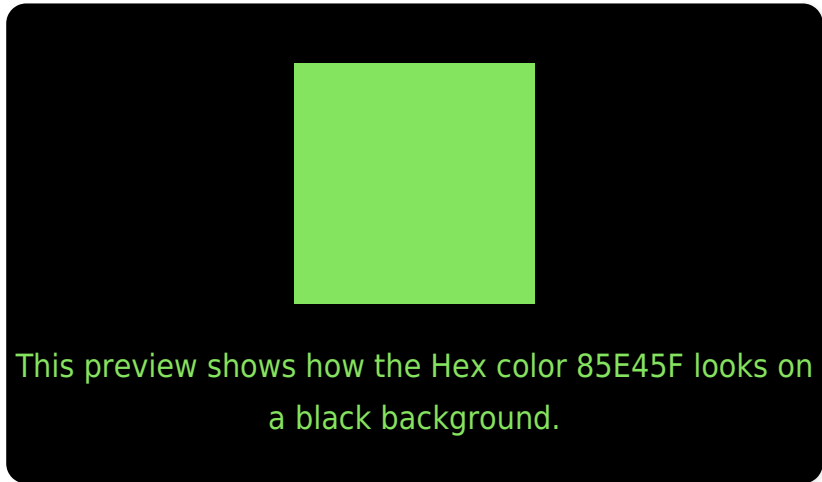
Large Text (above 18pt) WCAG AA × Fail

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

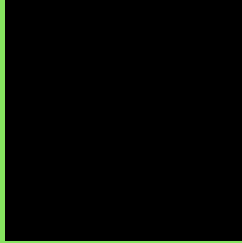
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85E45F Background



This preview shows how black text looks on a background with the Hex color 85E45F.

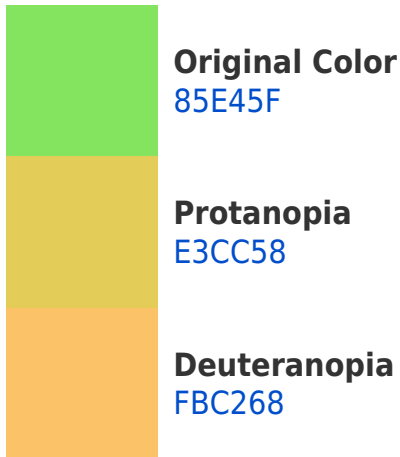


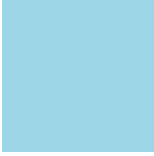
This preview shows how white text looks on a background with the Hex color 85E45F.

# 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](#).

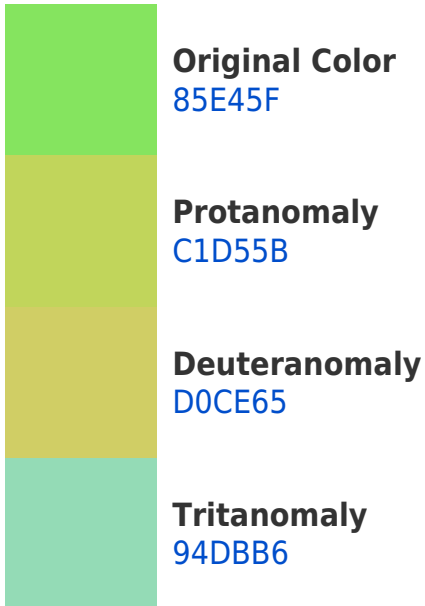
## Dichromacy



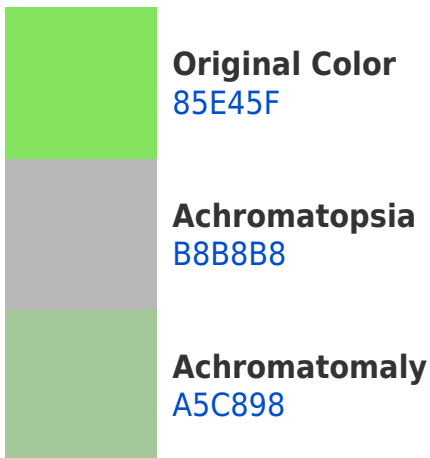


**Tritanopia**  
9CD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85E45F 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 #85E45F looks like.

```
.text, #text, p{  
    color:#85E45F  
}
```

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 #85E45F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E45F
}
```

## Border

The CSS property to change the border of an element to Hex 85E45F 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
#85E45F }
```

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

```
.border{ border-color:#85E45F }
```

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

Here you see how a box with a 4 pixel #85E45F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E45F; -webkit-box-shadow:4px 4px  
4px 4px #85E45F; box-shadow:4px 4px 4px  
4px #85E45F }
```

# Background

The CSS property to change the background color of an element to Hex 85E45F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E45F }
```

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

```
.background{ background-color:#85E45F }
```

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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