

# Converting Colors

Hex(8EE53F)

Have a look what the booklet for  
Hex(8EE53F) contains.

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**Color**

**Hex(8EE53F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8EE53F
RGB	142, 229, 63
RGB Percent	56%, 90%, 25%
CMY	0.4431, 0.1020, 0.7529
CMYK	0.38, 0.00, 0.72, 0.10
HSL	91°, 76%, 57%
HSV	91°, 72%, 90%
XYZ	40.0718, 62.1483, 14.5864
YIQ	184.0630, 1.4340, -70.0700

# Conversions

## Conversions Part 2

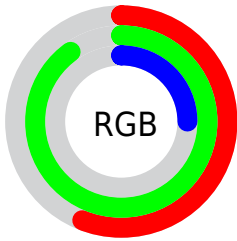
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 229, 150
Decimal	9364799
CIELab	82.99, -51.77, 68.34
CIElCh	83, 85.737, 127.146
Yxy	62.1483, 0.3431, 0.5321
Android (android.graphics.Color)	4287554879 (0xFF8EE53F)
YUV	184.0630, -59.6841, -36.8893
Hunter-Lab	78.8342, -47.2273, 44.2137

# Details

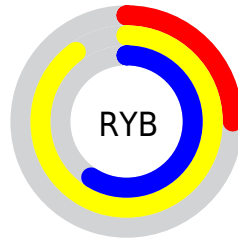
The Hex color **8EE53F** is a dark color, and the websafe version is hex **99FF66**, and the color name is [kiwi](#). The color can be described as middle washed chartreuse. A complement of this color would be **963FE5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C9FF79**, and **53AD00** is the 20% darker color. If you saturate the color by 10%, you get **82E528**, and if you desaturate by 10%, it is **9AE556**.

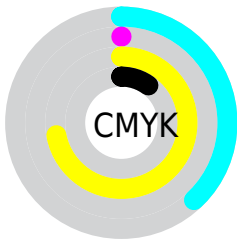
# Distribution



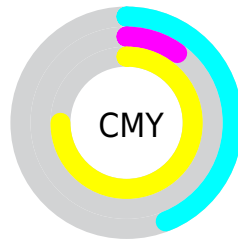
- Red (56%)
- Green (90%)
- Blue (25%)



- Red (25%)
- Yellow (90%)
- Blue (59%)



- Cyan (38%)
- Magenta (0%)
- Yellow (72%)
- Black (10%)



- Cyan (44%)
- Magenta (10%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EE53F 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 8EE53F by changing the saturation by 10% instead.



 8EE53F

 8EE53F

FFFFFF

 71C91D

 C9FF79

 53AD00

 E7FF95

 339200

 FFFFB1

 017700

 FFFFCE

 005E00

 FFFFEC

 004500

 002F00

 001200

 000000

 8EE53F

 8EE53F

 82E528

 9AE556

 76E511

 A6E56D

 6DE500

 B2E584

 BEE59B

 CAE5B2

 D6E5C8

 E2E5DF

 EEE5F6

 FAE5FF

# Harmonies

## Analogous

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



E4D100



8EE53F



00F08C

# Triad

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



8EE53F



00E8FF



FF7CBF

# Complementary

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



8EE53F



963FE5

# 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.



FF8CFF



8EE53F



00D2FF

# Square

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



8EE53F



00F2FF



E9B0FF



FF9171

# Rectangle

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



8EE53F



00F3C4



E9B0FF



FF7DDA

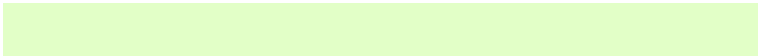


# Sweetspot

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



8EE53F



E2FFC7



E5953F



6E805E



000000



808080



# Same Dimension

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



8EE53F



8BFF21



3FE542



6D7367



55B300



183300



# Inverse Universe

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



963FE5



9521FF



E53FE2



6D6773



5E00B3

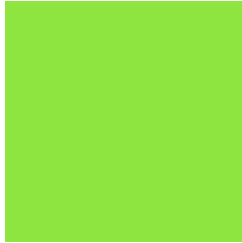


1B0033



# Previews

## White Background



This preview shows how the Hex color 8EE53F 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 8EE53F Background



This preview shows how black text looks on a background with the Hex color 8EE53F.

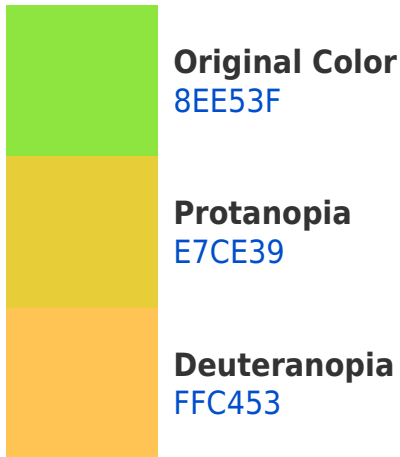


This preview shows how white text looks on a background with the Hex color 8EE53F.

# 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](#).

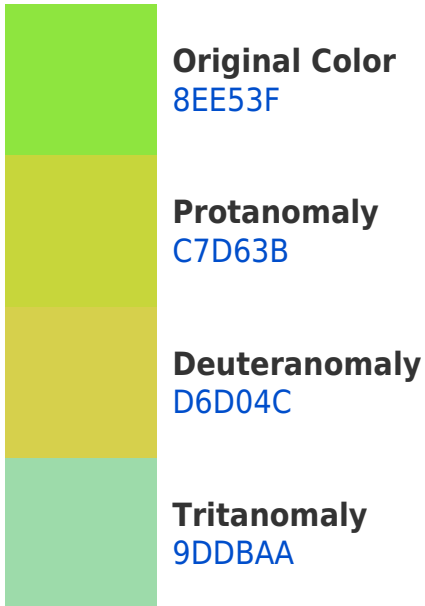
## Dichromacy



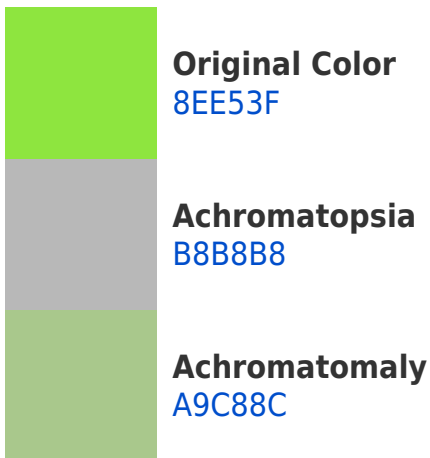


**Tritanopia**  
A6D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EE53F 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 #8EE53F looks like.

```
.text, #text, p{  
    color:#8EE53F  
}
```

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 #8EE53F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE53F
}
```

## Border

The CSS property to change the border of an element to Hex 8EE53F 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
#8EE53F }
```

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

```
.border{ border-color:#8EE53F }
```

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

Here you see how a box with a 4 pixel #8EE53F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE53F; -webkit-box-shadow:4px 4px  
4px 4px #8EE53F; box-shadow:4px 4px 4px  
4px #8EE53F }
```

# Background

The CSS property to change the background color of an element to Hex 8EE53F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE53F }
```

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

```
.background{ background-color:#8EE53F }
```

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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