

Converting Colors

Hex(88EF3F)

Have a look what the booklet for
Hex(88EF3F) contains.

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Color

Hex(88EF3F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 88EF3F |
| RGB | 136, 239, 63 |
| RGB Percent | 53%, 94%, 25% |
| CMY | 0.4667, 0.0627, 0.7529 |
| CMYK | 0.43, 0.00, 0.74, 0.06 |
| HSL | 95°, 85%, 59% |
| HSV | 95°, 74%, 94% |
| XYZ | 41.9170, 67.3261, 15.4886 |
| YIQ | 188.1390, -4.8920, -76.5720 |

Conversions

Conversions Part 2

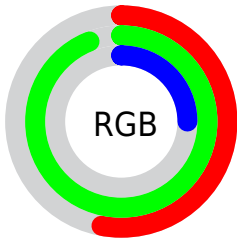
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 63, 239, 166 |
| Decimal | 8974143 |
| CIELab | 85.67, -57.64, 70.89 |
| CIELCh | 86, 91.363, 129.115 |
| Yxy | 67.3261, 0.3361, 0.5398 |
| Android (android.graphics.Color) | 4287164223 (0xFF88EF3F) |
| YUV | 188.1390, -61.6935, -45.7259 |
| Hunter-Lab | 82.0525, -52.4040, 46.2449 |

Details

The Hex color **88EF3F** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **A63FEF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C4FF7A**, and **4AB600** is the 20% darker color. If you saturate the color by 10%, you get **7AEF27**, and if you desaturate by 10%, it is **96EF57**.

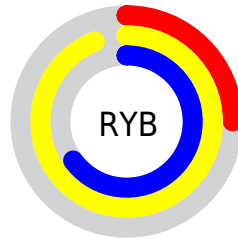
Distribution



Red (53%)

Green (94%)

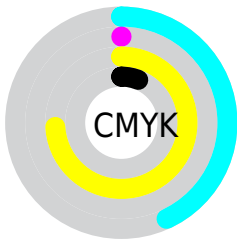
Blue (25%)



Red (25%)

Yellow (94%)

Blue (65%)

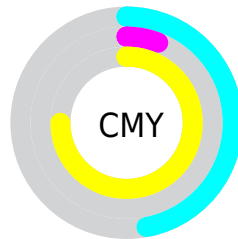


Cyan (43%)

Magenta (0%)

Yellow (74%)

Black (6%)



Cyan (47%)

Magenta (6%)


Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88EF3F 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 88EF3F by changing the saturation by 10% instead.

 88EF3F

 88EF3F

FFFFFF

 6AD21B

 C4FF7A

 4AB600

 E2FF96

 259B00

 FFFFB3

 008000

 FFFF00

 006600

 FFFF00


 004D00

 003500

 001C00

 000000

 88EF3F

 88EF3F

 7AEF27

 96EF57

 6CEF0F

 A4EF6F

 63EF00

 B2EF87

 C0EF9F

 CEEFB7

 DCEFCE

 EAEFE6

 F8EFFE

 FFEFFF

Harmonies

Analogous

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



E7DB00



88EF3F



00FA95

Triad

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



88EF3F



00F0FF



FF7BBF

Complementary

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



88EF3F



A63FEF

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.



FF8AFF



88EF3F



00D8FF

Square

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



88EF3F



00FCFF



FAB3FF



FF956D

Rectangle

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



88EF3F



00FDD1



FAB3FF



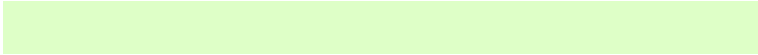
FF7CDC

Sweetspot

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



88EF3F



DEFFC7



EFA63F



6C805E



000000



808080

Same Dimension

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



88EF3F



7CFF1F



3FEF4E



71786C



4CB800



173800

Inverse Universe

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



A63FEF



A21FFF



EF3FE0



736C78



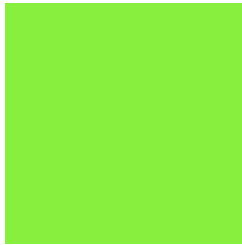
6B00B8



210038

Previews

White Background



This preview shows how the Hex color 88EF3F looks on a white background.

Color Contrast Check

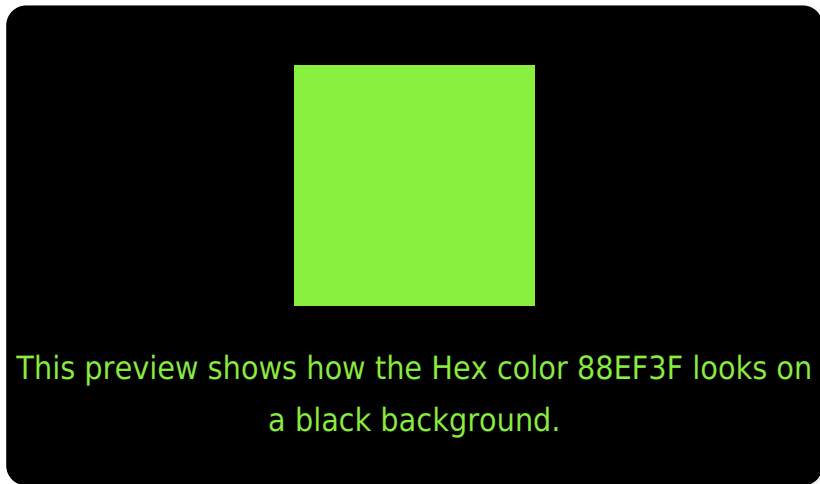
Large Text (above 18pt) WCAG AA × Fail

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 88EF3F Background



This preview shows how black text looks on a background with the Hex color 88EF3F.

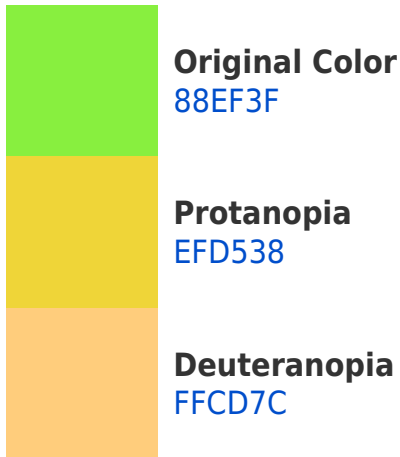


This preview shows how white text looks on a background with the Hex color 88EF3F.

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](#).

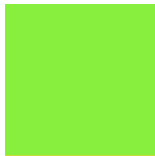
Dichromacy



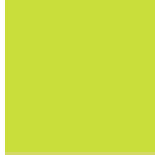


Tritanopia
A3DFF1

Trichromacy



Original Color
88EF3F



Protanomaly
CADE3B



Deuteranomaly
D4D966



Tritanomaly
99E5B0

Monochromacy



Original Color
88EF3F



Achromatopsia
BCBCBC



Achromatomaly
A9CF8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 88EF3F 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 #88EF3F looks like.

```
.text, #text, p{  
    color:#88EF3F  
}
```

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 #88EF3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88EF3F
}
```

Border

The CSS property to change the border of an element to Hex 88EF3F 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
#88EF3F }
```

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

```
.border{ border-color:#88EF3F }
```

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

Here you see how a box with a 4 pixel #88EF3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88EF3F; -webkit-box-shadow:4px 4px  
4px 4px #88EF3F; box-shadow:4px 4px 4px  
4px #88EF3F }
```

Background

The CSS property to change the background color of an element to Hex 88EF3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88EF3F }
```

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

```
.background{ background-color:#88EF3F }
```

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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