

Converting Colors

Hex(8EFF77)

Have a look what the booklet for
Hex(8EFF77) contains.

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Color

Hex(8EFF77)

Conversions

Conversions Part 1

Format	Color
Hex	8EFF77
RGB	142, 255, 119
RGB Percent	56%, 100%, 47%
CMY	0.4431, 0.0000, 0.5333
CMYK	0.44, 0.00, 0.53, 0.00
HSL	110°, 100%, 73%
HSV	110°, 53%, 100%
XYZ	50.2451, 78.6027, 29.9764
YIQ	205.7090, -23.6920, -66.2520

Conversions

Conversions Part 2

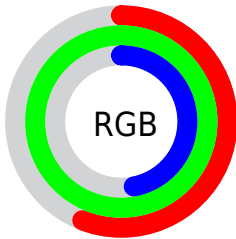
Format	Color
RYB	119, 255, 232
Decimal	9371511
CIELab	91.05, -57.15, 54.47
CIELCh	91, 78.952, 136.379
Yxy	78.6027, 0.3164, 0.4949
Android (android.graphics.Color)	4287561591 (0xFF8EFF77)
YUV	205.7090, -42.7475, -55.8728
Hunter-Lab	88.6582, -53.9907, 42.0140

Details

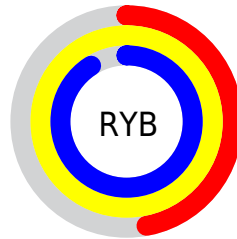
The Hex color **8EFF77** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E877FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **C9FFAE**, and **52C541** is the 20% darker color. If you saturate the color by 10%, you get **79FF5E**, and if you desaturate by 10%, it is **A3FF91**.

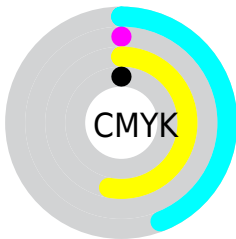
Distribution



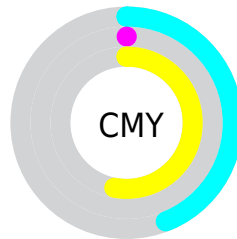
- Red (56%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (91%)



- Cyan (44%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EFF77 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 8EFF77 by changing the saturation by 10% instead.

 8EFF77

 8EFF77

FFFFFF

 70E25C

 C9FFAE

 52C541

 E7FFCA

 30A925

 FFFFE7

 008E00

 007400

 005A00

 004100

 002B00

 000700

 8EFF77

 8EFF77

 79FF5E

 A3FF91

 64FF44

 B8FFAA

 4EFF2A

 CEFFC3

 39FF11

 E3FFDD

 2BFF00

 F8FFF7

FFFFFF

Harmonies

Analogous

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



E6EE46



8EFF77



00FFBF

Triad

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



8EFF77



00F8FF



FFA1BF

Complementary

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



8EFF77



E877FF

Split Complementary

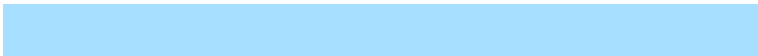
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA4FF



8EFF77



A6DFFF

Square

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



8EFF77



00FFFF



FFC0FF



FFB77A

Rectangle

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



8EFF77



00FFF4



FFC0FF



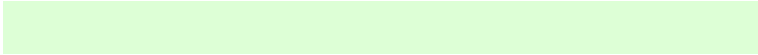
FF9FD8

Sweetspot

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



8EFF77



DDFFD6



FFE677



6B8067



000000



808080

Same Dimension

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



8EFF77



77FF5C



77FFA2



758073



20BF00



0B4000

Inverse Universe

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



E877FF



E35CFF



FF77D4



7D7380



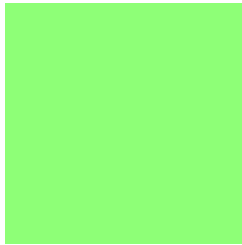
9F00BF



350040

Previews

White Background



This preview shows how the Hex color 8EFF77 looks on a white background.

Color Contrast Check

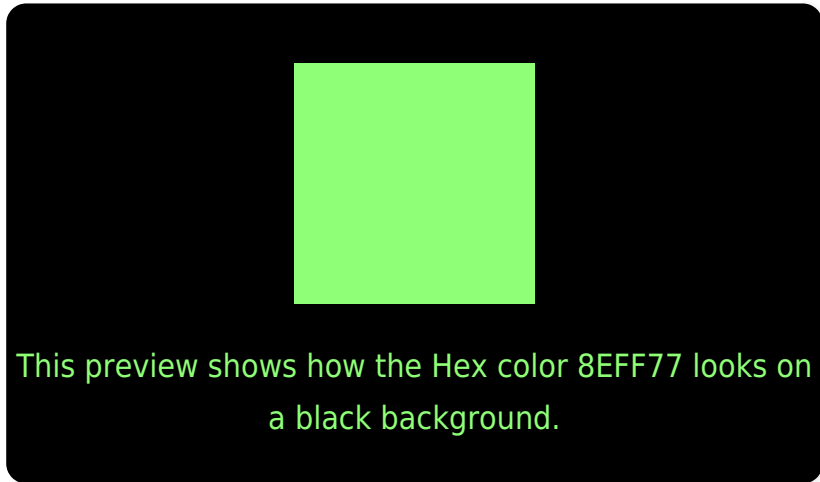
Large Text (above 18pt) WCAG AA × Fail

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

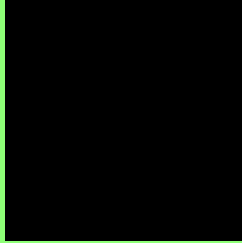
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

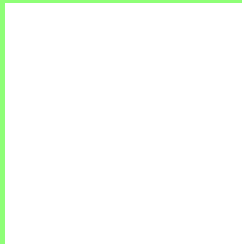
Any Text WCAG AAA ✓ Pass

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

Hex 8EFF77 Background



This preview shows how black text looks on a background with the Hex color 8EFF77.

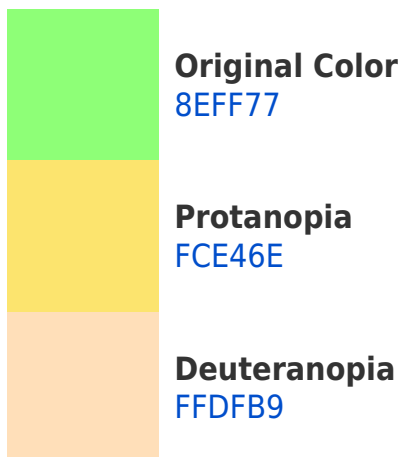


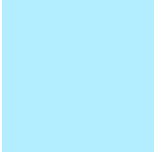
This preview shows how white text looks on a background with the Hex color 8EFF77.

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



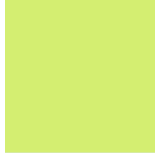


Tritanopia
B2EEFF

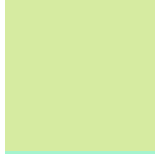
Trichromacy



Original Color
8EFF77



Protanomaly
D4EE71



Deuteranomaly
D6EBA1

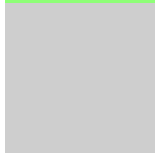


Tritanomaly
A5F4CE

Monochromacy



Original Color
8EFF77



Achromatopsia
CECECE



Achromatomaly
B7E0AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EFF77 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 #8EFF77 looks like.

```
.text, #text, p{  
    color:#8EFF77  
}
```

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 #8EFF77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFF77  
}
```

Border

The CSS property to change the border of an element to Hex 8EFF77 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  
#8EFF77 }
```

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

```
.border{ border-color:#8EFF77 }
```

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

Here you see how a box with a 4 pixel #8EFF77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFF77; -webkit-box-shadow:4px 4px  
4px 4px #8EFF77; box-shadow:4px 4px 4px  
4px #8EFF77 }
```

Background

The CSS property to change the background color of an element to Hex 8EFF77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFF77 }
```

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

```
.background{ background-color:#8EFF77 }
```

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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