

# Converting Colors

Hex(8EFF6E)

Have a look what the booklet for  
Hex(8EFF6E) contains.

<b>Hex(8EFF6E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8EFF6E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EFF6E
RGB	142, 255, 110
RGB Percent	56%, 100%, 43%
CMY	0.4431, 0.0000, 0.5686
CMYK	0.44, 0.00, 0.57, 0.00
HSL	107°, 100%, 72%
HSV	107°, 57%, 100%
XYZ	49.7298, 78.3966, 27.2629
YIQ	204.6830, -20.8030, -69.0510

# Conversions

## Conversions Part 2

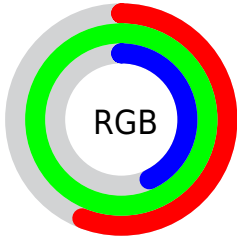
Format	Color
<a href="#">RYB</a>	<a href="#">110, 255, 223</a>
Decimal	<a href="#">9371502</a>
CIELab	<a href="#">90.96, -58.14, 58.36</a>
CIElCh	<a href="#">91, 82.375, 134.892</a>
Yxy	<a href="#">78.3966, 0.3200, 0.5045</a>
Android (android.graphics.Color)	<a href="#">4287561582 (0xFF8EFF6E)</a>
YUV	<a href="#">204.6830, -46.6787, -54.9730</a>
Hunter-Lab	<a href="#">88.5418, -54.6931, 43.7233</a>

# Details

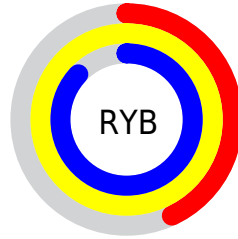
The Hex color **8EFF6E** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DF6EFF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C9FFA5**, and **51C537** is the 20% darker color. If you saturate the color by 10%, you get **7AFF55**, and if you desaturate by 10%, it is **A2FF88**.

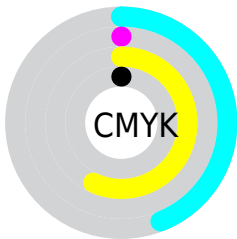
# Distribution



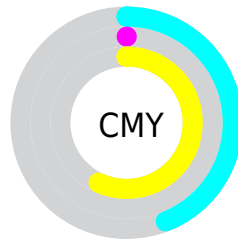
- Red (56%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EFF6E 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 8EFF6E by changing the saturation by 10% instead.



 8EFF6E

 8EFF6E

FFFFFF

 70E253

 C9FFA5

 51C537

 E8FFC2

 2EA916

 FFFFDE

 008E00

 FFFFFC

 007400

 005A00

 004100

 002A00

 000700

 8EFF6E

 8EFF6E

 7AFF55

 A2FF88

 66FF3B

 B6FFA1

 52FF21

 CAFFBB

 3FFF08

 DDFFD4

 38FF00

 F1FFEE

FFFFFF

# Harmonies

## Analogous

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



E9ED3A



8EFF6E



00FFB9

# Triad

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



8EFF6E



00F9FF



FF9CC1

# Complementary

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



8EFF6E



DF6EFF

# 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.



FFA1FF



8EFF6E



97E0FF

# Square

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



8EFF6E



00FFFF



FFBFFF



FFB378

# Rectangle

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



8EFF6E



00FFF0



FFBFFF



FF9ADB

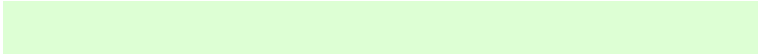


# Sweetspot

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



8EFF6E



DFFD4



FFDD6E



6C8066



000000



808080



# Same Dimension

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



8EFF6E



78FF52



6EFF95



768073



2ABF00



0E4000



# Inverse Universe

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



DF6EFF



D952FF



FF6ED8



7D7380



9500BF

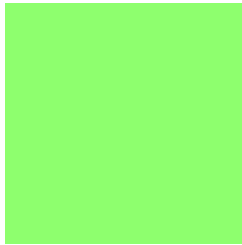


320040



# Previews

## White Background



This preview shows how the Hex color 8EFF6E looks on a white background.

## Color Contrast Check

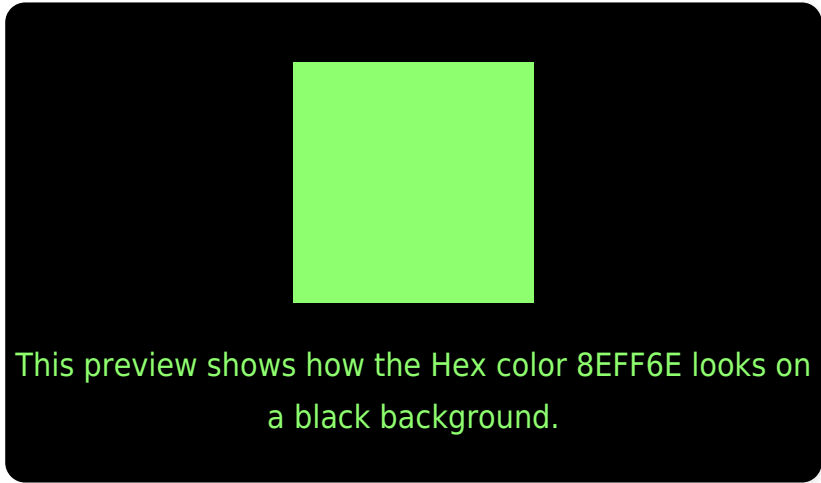
Large Text (above 18pt) WCAG AA × Fail

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

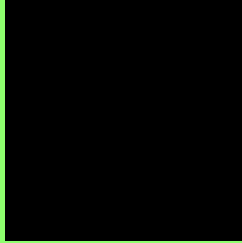
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

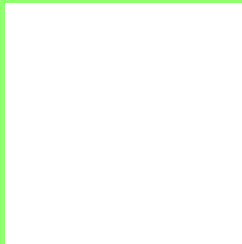
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8EFF6E Background



This preview shows how black text looks on a background with the Hex color 8EFF6E.

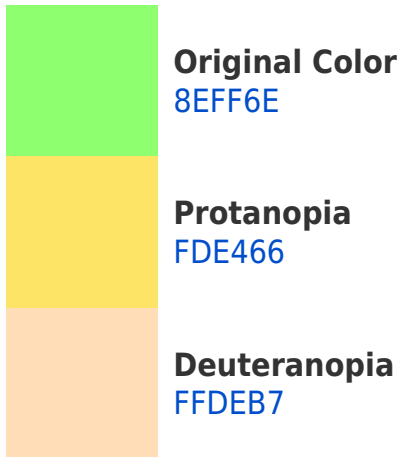


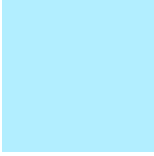
This preview shows how white text looks on a background with the Hex color 8EFF6E.

# 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



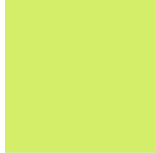


**Tritanopia**  
B2EEFF

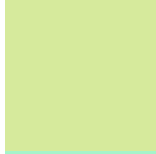
# Trichromacy



**Original Color**  
8EFF6E



**Protanomaly**  
D5EE69

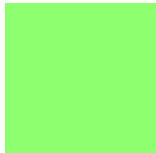


**Deuteranomaly**  
D6EA9C

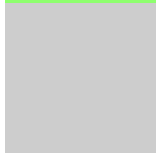


**Tritanomaly**  
A5F4CA

# Monochromacy



**Original Color**  
8EFF6E



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
B6DFAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EFF6E 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 #8EFF6E looks like.

```
.text, #text, p{  
    color:#8EFF6E  
}
```

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 #8EFF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFF6E
}
```

## Border

The CSS property to change the border of an element to Hex 8EFF6E 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
#8EFF6E }
```

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

```
.border{ border-color:#8EFF6E }
```

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

Here you see how a box with a 4 pixel #8EFF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFF6E; -webkit-box-shadow:4px 4px  
4px 4px #8EFF6E; box-shadow:4px 4px 4px  
4px #8EFF6E }
```

# Background

The CSS property to change the background color of an element to Hex 8EFF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFF6E }
```

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

```
.background{ background-color:#8EFF6E }
```

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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