

# Converting Colors

Hex(8EFF73)

Have a look what the booklet for  
Hex(8EFF73) contains.

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# **Color**

**Hex(8EFF73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EFF73
RGB	142, 255, 115
RGB Percent	56%, 100%, 45%
CMY	0.4431, 0.0000, 0.5490
CMYK	0.44, 0.00, 0.55, 0.00
HSL	108°, 100%, 73%
HSV	108°, 55%, 100%
XYZ	50.0098, 78.5086, 28.7375
YIQ	205.2530, -22.4080, -67.4960

# Conversions

## Conversions Part 2

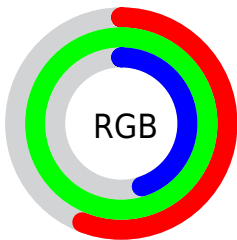
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 255, 228
Decimal	9371507
CIELab	91.01, -57.60, 56.21
CIELCh	91, 80.485, 135.700
Yxy	78.5086, 0.3180, 0.4992
Android (android.graphics.Color)	4287561587 (0xFF8EFF73)
YUV	205.2530, -44.4947, -55.4729
Hunter-Lab	88.6051, -54.3112, 42.7939

# Details

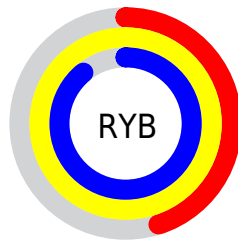
The Hex color **8EFF73** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E473FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **C9FFAA**, and **52C53D** is the 20% darker color. If you saturate the color by 10%, you get **79FF5A**, and if you desaturate by 10%, it is **A3FF8D**.

# Distribution



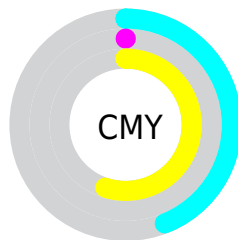
- Red (56%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EFF73 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 8EFF73 by changing the saturation by 10% instead.



 8EFF73

 8EFF73

FFFFFF

 70E258

 C9FFAA

 52C53D

 E7FFC6

 2FA91F

 FFFFE3

 008E00

 007400

 005A00

 004100

 002B00

 000700

 8EFF73

 8EFF73

 79FF5A

 A3FF8D

 65FF40

 B7FFA6

 50FF26

 CCFFC0

 3CFF0D

 E0FFD9

 31FF00

 F5FFF3

FFFFFF

# Harmonies

## Analogous

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



E7EE41



8EFF73



00FFBC

# Triad

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



8EFF73



00F8FF



FF9FC0

# Complementary

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



8EFF73



E473FF

# Split Complementary

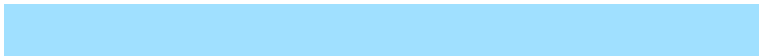
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA3FF



8EFF73



A0E0FF

# Square

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



8EFF73



00FFFF



FFBFFF



FFB579

# Rectangle

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



8EFF73



00FFF2



FFBFFF



FF9DDA

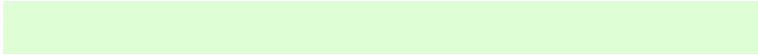


# Sweetspot

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



8EFF73



DEFFD6



FFE373



6C8067



000000



808080



# Same Dimension

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



8EFF73



77FF57



73FF9D



758073



25BF00



0C4000



# Inverse Universe

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



E473FF



DF57FF



FF73D5



7D7380



9A00BF

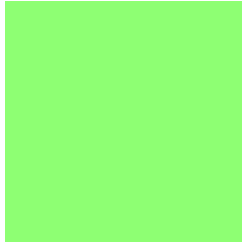


330040



# Previews

## White Background



This preview shows how the Hex color 8EFF73 looks on a white background.

## Color Contrast Check

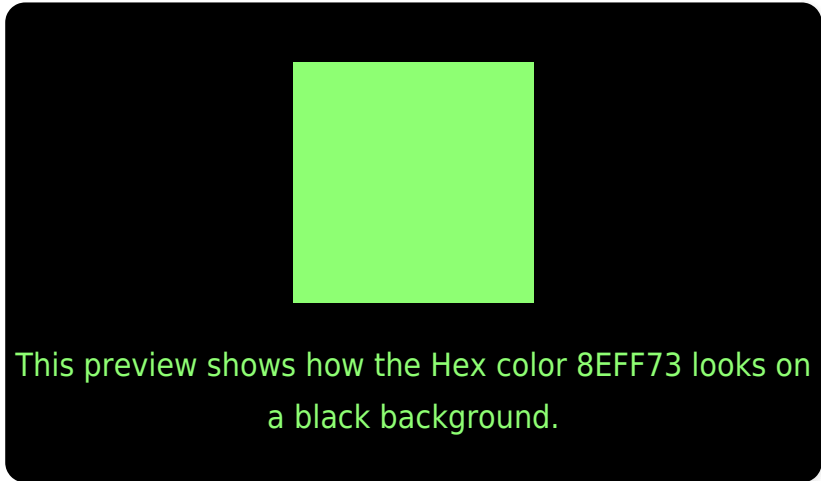
Large Text (above 18pt) WCAG AA × Fail

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

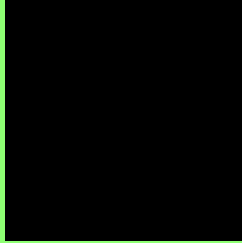
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

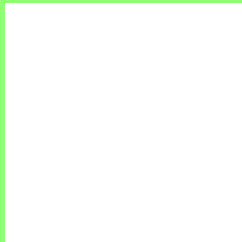
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8EFF73 Background



This preview shows how black text looks on a background with the Hex color 8EFF73.

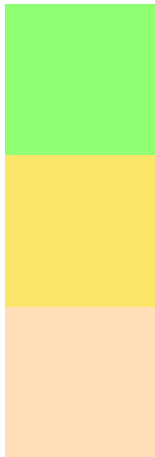


This preview shows how white text looks on a background with the Hex color 8EFF73.

# 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](#).

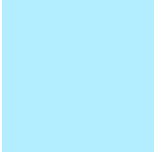
## Dichromacy



**Original Color**  
8EFF73

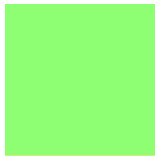
**Protanopia**  
FCE46A

**Deuteranopia**  
FFDEB8

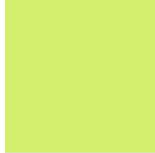


**Tritanopia**  
B2EEFF

# Trichromacy



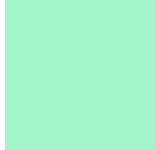
**Original Color**  
8EFF73



**Protanomaly**  
D4EE6D



**Deuteranomaly**  
D6EA9F

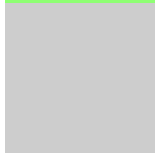


**Tritanomaly**  
A5F4CC

# Monochromacy



**Original Color**  
8EFF73



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
B6DFAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EFF73 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 #8EFF73 looks like.

```
.text, #text, p{  
    color:#8EFF73  
}
```

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 #8EFF73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFF73
}
```

## Border

The CSS property to change the border of an element to Hex 8EFF73 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
#8EFF73 }
```

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

```
.border{ border-color:#8EFF73 }
```

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

Here you see how a box with a 4 pixel #8EFF73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFF73; -webkit-box-shadow:4px 4px  
4px 4px #8EFF73; box-shadow:4px 4px 4px  
4px #8EFF73 }
```

# Background

The CSS property to change the background color of an element to Hex 8EFF73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFF73 }
```

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

```
.background{ background-color:#8EFF73 }
```

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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