

# Converting Colors

Hex(8EFC65)

Have a look what the booklet for  
Hex(8EFC65) contains.

<b>Hex(8EFC65)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8EFC65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EFC65
RGB	142, 252, 101
RGB Percent	56%, 99%, 40%
CMY	0.4431, 0.0118, 0.6039
CMYK	0.44, 0.00, 0.60, 0.01
HSL	104°, 96%, 69%
HSV	104°, 60%, 99%
XYZ	48.3147, 76.3112, 24.4950
YIQ	201.8960, -17.0890, -70.2810

# Conversions

## Conversions Part 2

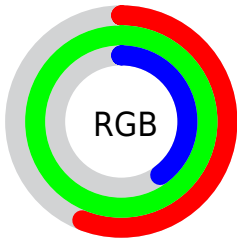
Format	Color
<a href="#">RYB</a>	<a href="#">101, 252, 211</a>
Decimal	<a href="#">9370725</a>
CIELab	<a href="#">90.00, -57.87, 61.13</a>
CIElCh	<a href="#">90, 84.176, 133.433</a>
Yxy	<a href="#">76.3112, 0.3240, 0.5117</a>
Android (android.graphics.Color)	<a href="#">4287560805 (0xFF8EFC65)</a>
YUV	<a href="#">201.8960, -49.7417, -52.5288</a>
Hunter-Lab	<a href="#">87.3563, -54.1493, 44.5243</a>

# Details

The Hex color **8EFC65** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D365FC**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C9FF9C**, and **51C32C** is the 20% darker color. If you saturate the color by 10%, you get **7CFC4C**, and if you desaturate by 10%, it is **A0FC7E**.

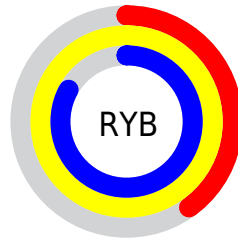
# Distribution



Red (56%)

Green (99%)

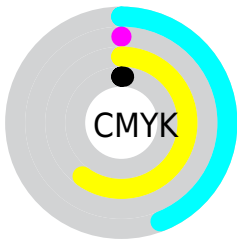
Blue (40%)



Red (40%)

Yellow (99%)

Blue (83%)

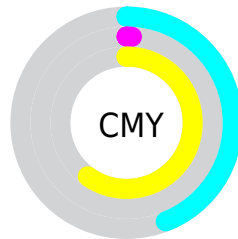


Cyan (44%)

Magenta (0%)

Yellow (60%)

Black (1%)



Cyan (44%)

Magenta (1%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EFC65 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 8EFC65 by changing the saturation by 10% instead.




 8EFC65

 8EFC65

FFFFFF

 70DF49

 C9FF9C

 51C32C

 E8FFB9

 2FA700

 FFFFD5

 008C00

 FFFFF3

 007100

 005800

 003F00

 002800

 000000

 8EFC65

 8EFC65

 7CFC4C

 A0FC7E

 69FC33

 B3FC97

 57FC19

 C5FCB1

 45FC00

 D7FCCA

 44FC00

 EAFCE3

 FCFCFC

 FFFCFF

# Harmonies

## Analogous

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



E9EA2E



8EFC65



00FFB2

# Triad

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



8EFC65



00F8FF



FF96C1

# Complementary

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



8EFC65



D365FC

# 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.



FF9DFF



8EFC65



85DFFF

# Square

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



8EFC65



00FFFF



FFBDF5



FFA07A

# Rectangle

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



8EFC65



00FFEA



FFBDFE



FF94DC

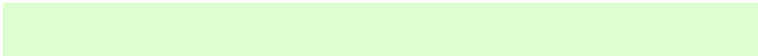


# Sweetspot

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



8EFC65



DEFFD1



FCD165



6B8063



000000



808080



# Same Dimension

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



8EFC65



79FF47



65FC86



747D70



33BD00



113D00



# Inverse Universe

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



D365FC



CD47FF



FC65DB



7A707D



8900BD

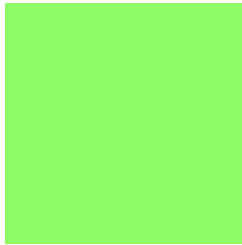


2D003D



# Previews

## White Background



This preview shows how the Hex color 8EFC65 looks on a white background.

## Color Contrast Check

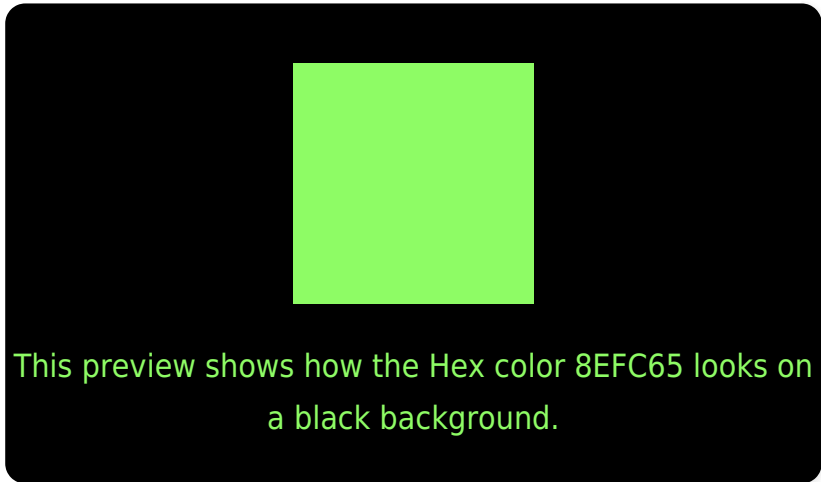
Large Text (above 18pt) WCAG AA × Fail

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

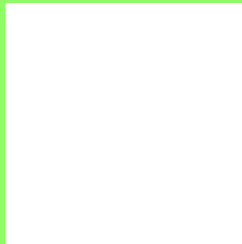
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8EFC65 Background



This preview shows how black text looks on a background with the Hex color 8EFC65.

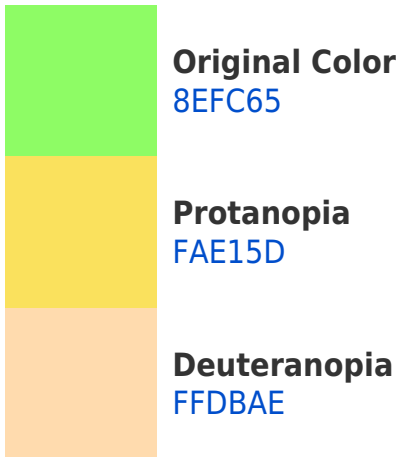


This preview shows how white text looks on a background with the Hex color 8EFC65.

# 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

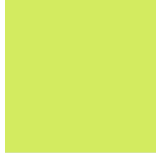




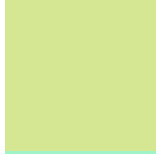
# Trichromacy



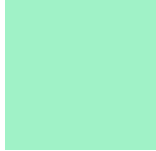
**Original Color**  
8EFC65



**Protanomaly**  
D3EB60

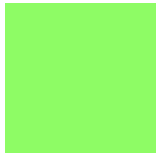


**Deuteranomaly**  
D6E793

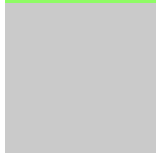


**Tritanomaly**  
A0F2C7

# Monochromacy



**Original Color**  
8EFC65



**Achromatopsia**  
CACACA



**Achromatomaly**  
B4DCA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EFC65 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 #8EFC65 looks like.

```
.text, #text, p{  
    color:#8EFC65  
}
```

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 #8EFC65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFC65
}
```

## Border

The CSS property to change the border of an element to Hex 8EFC65 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
#8EFC65 }
```

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

```
.border{ border-color:#8EFC65 }
```

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

Here you see how a box with a 4 pixel #8EFC65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFC65; -webkit-box-shadow:4px 4px  
4px 4px #8EFC65; box-shadow:4px 4px 4px  
4px #8EFC65 }
```

# Background

The CSS property to change the background color of an element to Hex 8EFC65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFC65 }
```

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

```
.background{ background-color:#8EFC65 }
```

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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