

# Converting Colors

Hex(8EF080)

Have a look what the booklet for  
Hex(8EF080) contains.

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**Color**

**Hex(8EF080)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 8EF080                       |
| RGB         | 142, 240, 128                |
| RGB Percent | 56%, 94%, 50%                |
| CMY         | 0.4431, 0.0588, 0.4980       |
| CMYK        | 0.41, 0.00, 0.47, 0.06       |
| HSL         | 112°, 79%, 72%               |
| HSV         | 112°, 47%, 94%               |
| XYZ         | 46.2117, 69.6295, 31.4263    |
| YIQ         | 197.9300, -22.4560, -55.6080 |

# Conversions

## Conversions Part 2

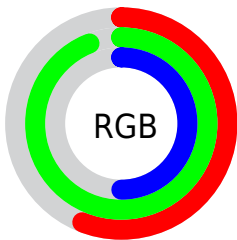
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 128, 240, 226                   |
| Decimal                             | 9367680                         |
| CIELab                              | 86.81, -50.00, 45.09            |
| CIELCh                              | 87, 67.333, 137.955             |
| Yxy                                 | 69.6295, 0.3138,<br>0.4728      |
| Android<br>(android.graphics.Color) | 4287557760<br>(0xFF8EF080)      |
| YUV                                 | 197.9300, -34.4755,<br>-49.0506 |
| Hunter-Lab                          | 83.4443, -47.1736,<br>36.0815   |

# Details

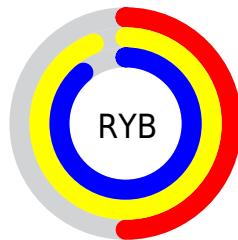
The Hex color **8EF080** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E280F0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C8FFB6**, and **55B74C** is the 20% darker color. If you saturate the color by 10%, you get **79F068**, and if you desaturate by 10%, it is **A3F098**.

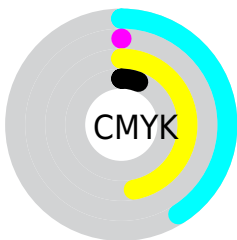
# Distribution



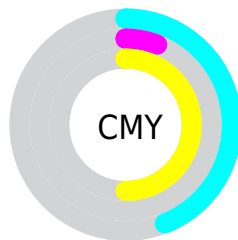
- Red (56%)
- Green (94%)
- Blue (50%)



- Red (50%)
- Yellow (94%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (47%)
- Black (6%)



- Cyan (44%)
- Magenta (6%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EF080 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 8EF080 by changing the saturation by 10% instead.



 8EF080

 8EF080

FFFFFF

 71D366

 C8FFB6

 55B74C

 E5FFD3

 369C32

 FFFFEF

 0C8117

 006700

 004E00

 003600

 002000

 000000

 8EF080

 8EF080

 79F068

 A3F098

 64F050

 B8F0B0

 4FF038

 CDF0C8

 3AF020

 E2F0E0

 25F008

 F7F0F8

 1EF000

 FFF0FF

# Harmonies

## Analogous

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



D8E258



8EF080



00F8BD

# Triad

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



8EF080



00E8FF



FFA3B5

# Complementary

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



8EF080



E280F0

# Split Complementary

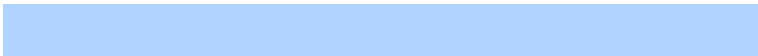
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA5F6



8EF080



B0D3FF

# Square

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



8EF080



00F4FF



FFB9FF



FFB57D

# Rectangle

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



8EF080



00F9E9



FFB9FF



FFA1CB

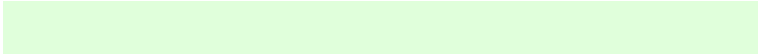


# Sweetspot

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



8EF080



E0FFDB



F0E180



6D806A



000000



808080



# Same Dimension

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



8EF080



82FF70



80F0A9



6D786C



17B800



073800



# Inverse Universe

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



E280F0



ED70FF



F080C7



766C78



A100B8

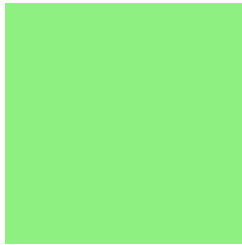


310038



# Previews

## White Background



This preview shows how the Hex color 8EF080 looks on a white background.

## Color Contrast Check

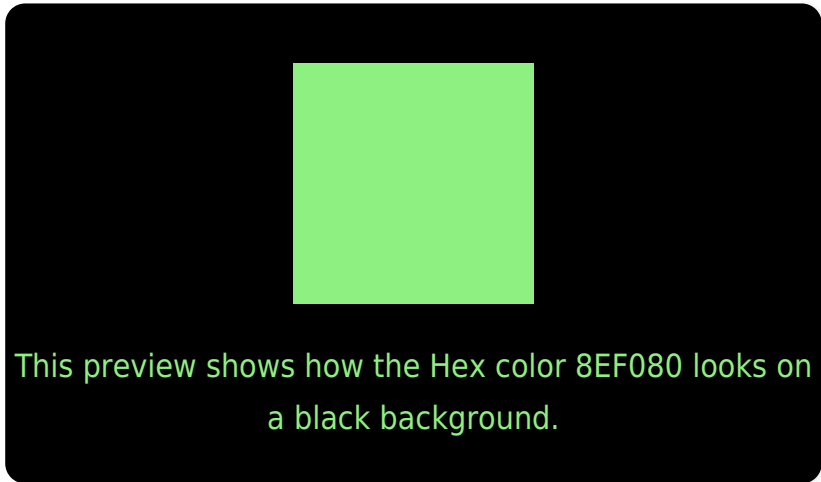
Large Text (above 18pt) WCAG AA × Fail

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 8EF080 Background



This preview shows how black text looks on a background with the Hex color 8EF080.

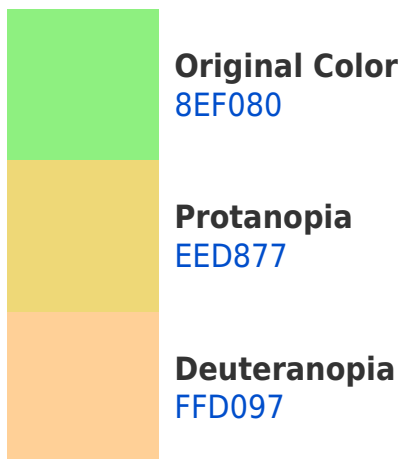


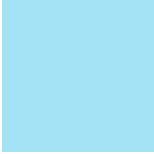
This preview shows how white text looks on a background with the Hex color 8EF080.

# 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



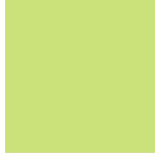


**Tritanopia**  
A4E3F5

# Trichromacy



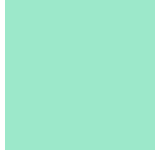
**Original Color**  
8EF080



**Protanomaly**  
CBE17A



**Deuteranomaly**  
D6DC8F

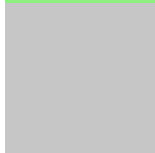


**Tritanomaly**  
9CE8CA

# Monochromacy



**Original Color**  
8EF080



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B2D5AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EF080 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 #8EF080 looks like.

```
.text, #text, p{  
    color:#8EF080  
}
```

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 #8EF080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EF080
}
```

## Border

The CSS property to change the border of an element to Hex 8EF080 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
#8EF080 }
```

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

```
.border{ border-color:#8EF080 }
```

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

Here you see how a box with a 4 pixel #8EF080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EF080; -webkit-box-shadow:4px 4px  
4px 4px #8EF080; box-shadow:4px 4px 4px  
4px #8EF080 }
```

# Background

The CSS property to change the background color of an element to Hex 8EF080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EF080 }
```

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

```
.background{ background-color:#8EF080 }
```

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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