

# Converting Colors

Hex(8EFEB7)

Have a look what the booklet for  
Hex(8EFEB7) contains.

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# Color

**Hex(8EFEB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EFEB7
RGB	142, 254, 183
RGB Percent	56%, 100%, 72%
CMY	0.4431, 0.0039, 0.2824
CMYK	0.44, 0.00, 0.28, 0.00
HSL	142°, 98%, 78%
HSV	142°, 44%, 100%
XYZ	55.1444, 80.0533, 57.3452
YIQ	212.4180, -43.9610, -45.8250

# Conversions

## Conversions Part 2

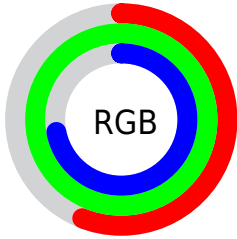
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 224, 254</a>
Decimal	<a href="#">9371319</a>
CIELab	<a href="#">91.71, -47.24, 24.19</a>
CIElCh	<a href="#">92, 53.075, 152.884</a>
Yxy	<a href="#">80.0533, 0.2864, 0.4158</a>
Android (android.graphics.Color)	<a href="#">4287561399 (0xFF8EFEB7)</a>
YUV	<a href="#">212.4180, -14.5031, -61.7566</a>
Hunter-Lab	<a href="#">89.4725, -46.5624, 24.6303</a>

# Details

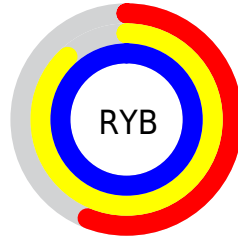
The Hex color **8EFEB7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FE8ED5**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **C8FFEF**, and **54C582** is the 20% darker color. If you saturate the color by 10%, you get **75FEA7**, and if you desaturate by 10%, it is **A7FEC7**.

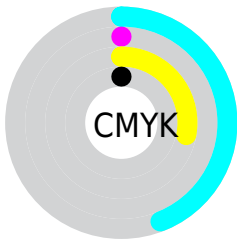
# Distribution



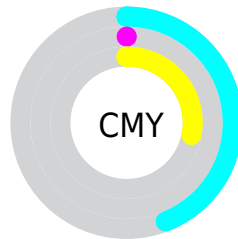
- Red (56%)
- Green (100%)
- Blue (72%)



- Red (56%)
- Yellow (88%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EFEB7 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 8EFEB7 by changing the saturation by 10% instead.



 8EFEB7

FFFFFF

 C8FFEF

 E6FFFF

 8EFEB7

 71E19C

 54C582

 34A968

 048E50

 007438

 005A22

 00410B

 002C00

 000C00

 8EFEB7

 8EFEB7

 75FEA7

 A7FEC7

 5BFEB7

 C1FED7

 42FE87

 DAFEE7

 28FE77

 F4FEF7

 0FFE66

FFFEFF

 00FE5D

# Harmonies

## Analogous

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



CDF58F



8EFEB7



30FFEB

# Triad

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



8EFEB7



A1EBFF



FFC4B3

# Complementary

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



8EFEB7



FE8ED5

# 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.



FFBEE4



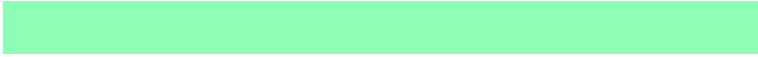
8EFEB7



F3D8FF

# Square

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



8EFEB7



1CF9FF



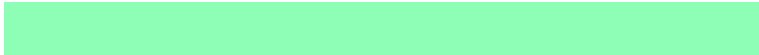
FFC7FF



FFD48D

# Rectangle

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



8EFEB7



00FFFF



FFC7FF



FFC1C2

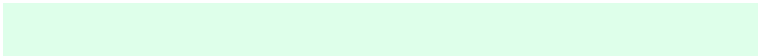


# Sweetspot

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



8EFEB7



DEFFEA



D7FE8E



6B8073



000000



808080



# Same Dimension

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



8EFEB7



78FFA9



8EFEED



738077



00BF46



004017



# Inverse Universe

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



FE8ED5



FF78CE



FE8E9F



80737B



BF0079

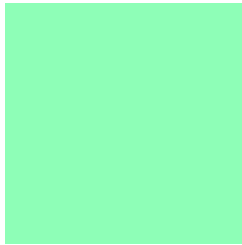


400028



# Previews

## White Background



This preview shows how the Hex color 8EFEB7 looks on a white background.

## Color Contrast Check

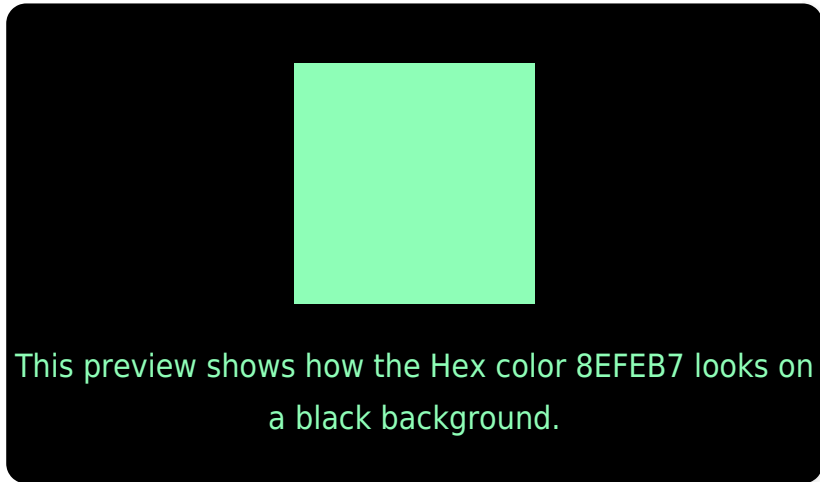
Large Text (above 18pt) WCAG AA × Fail

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

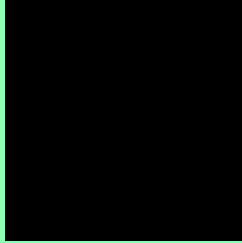
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EFEB7 Background



This preview shows how black text looks on a background with the Hex color 8EFEB7.

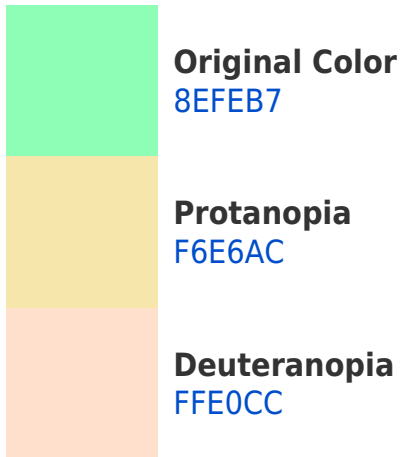


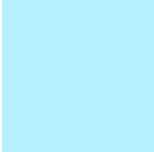
This preview shows how white text looks on a background with the Hex color 8EFEB7.

# 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



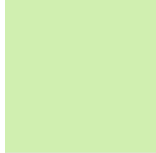


**Tritanopia**  
B6F0FF

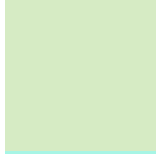
# Trichromacy



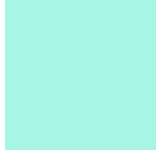
**Original Color**  
8EFEB7



**Protanomaly**  
D0EFB0

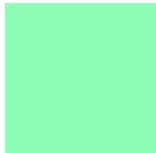


**Deuteranomaly**  
D6EBC4

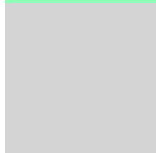


**Tritanomaly**  
A7F5E5

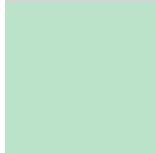
# Monochromacy



**Original Color**  
8EFEB7



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
BBE3C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EFEB7 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 #8EFEB7 looks like.

```
.text, #text, p{  
    color:#8EFEB7  
}
```

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 #8EFEB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFEB7  
}
```

## Border

The CSS property to change the border of an element to Hex 8EFEB7 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  
#8EFEB7 }
```

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

```
.border{ border-color:#8EFEB7 }
```

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

Here you see how a box with a 4 pixel #8EFEB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFEB7; -webkit-box-shadow:4px 4px  
4px 4px #8EFEB7; box-shadow:4px 4px 4px  
4px #8EFEB7 }
```

# Background

The CSS property to change the background color of an element to Hex 8EFEB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFEB7 }
```

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

```
.background{ background-color:#8EFEB7 }
```

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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