

Converting Colors

Hex(8EEF99)

Have a look what the booklet for
Hex(8EEF99) contains.

Hex(8EEF99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8EEF99)

Conversions

Conversions Part 1

Format	Color
Hex	8EEF99
RGB	142, 239, 153
RGB Percent	56%, 94%, 60%
CMY	0.4431, 0.0627, 0.4000
CMYK	0.41, 0.00, 0.36, 0.06
HSL	127°, 75%, 75%
HSV	127°, 41%, 94%
XYZ	47.7716, 69.7837, 41.0888
YIQ	200.1930, -30.2060, -47.3100

Conversions

Conversions Part 2

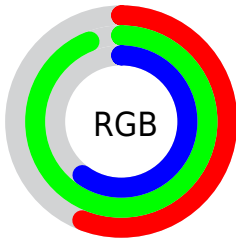
Format	Color
RYB	142, 229, 239
Decimal	9367449
CIELab	86.89, -45.95, 32.87
CIElCh	87, 56.500, 144.425
Yxy	69.7837, 0.3011, 0.4399
Android (android.graphics.Color)	4287557529 (0xFF8EEF99)
YUV	200.1930, -23.2661, -51.0353
Hunter-Lab	83.5366, -44.1114, 29.3130

Details

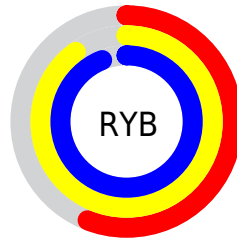
The Hex color **8EEF99** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EF8EE4**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C7FFD0**, and **56B665** is the 20% darker color. If you saturate the color by 10%, you get **76EF84**, and if you desaturate by 10%, it is **A6EFAE**.

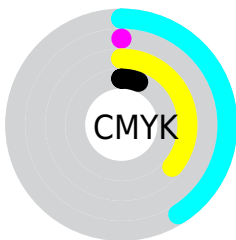
Distribution



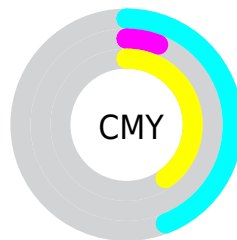
- Red (56%)
- Green (94%)
- Blue (60%)



- Red (56%)
- Yellow (90%)
- Blue (94%)



- Cyan (41%)
- Magenta (0%)
- Yellow (36%)
- Black (6%)



- Cyan (44%)
- Magenta (6%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EEF99 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 8EEF99 by changing the saturation by 10% instead.

 8EEF99

 8EEF99

FFFFFF

 72D27F

 C7FFD0

 56B665

 E4FFEC

 389B4C

 148034

 00671C

 004E03

 003600

 002000

 000000

 8EEF99

 8EEF99

 76EF84

 A6EFAE

 5EEF6F

 BEEFC3

 46EF59

 D6EFD9

 2EEF44

 EEEFEE

 16EF2F

 FFEFFF

 00EF1B

Harmonies

Analogous

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



CEE475



8EEF99



1FF5CD

Triad

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



8EEF99



66E2FF



FFB0B0

Complementary

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



8EEF99



EF8EE4

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.



FFAEE6



8EEF99



CFCFFF

Square

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



8EEF99



00EFFF



FFBBFF



FFC084

Rectangle

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



8EEF99



00F5F3



FFBBFF



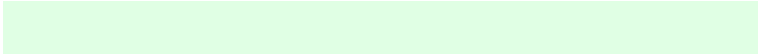
FFAEC2

Sweetspot

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



8EEF99



E0FFE4



E5EF8E



6E8070



000000



808080

Same Dimension

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



8EEF99



82FF90



8EEFC8



6C786D



00B815



003806

Inverse Universe

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



EF8EE4



FF82F1



EF8EB5



786C76



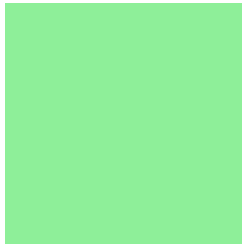
B800A3



380032

Previews

White Background



This preview shows how the Hex color 8EEF99 looks on a white background.

Color Contrast Check

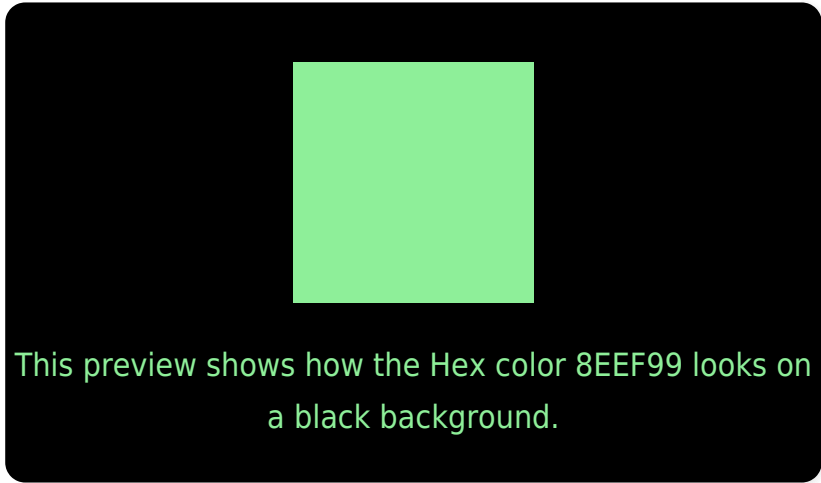
Large Text (above 18pt) WCAG AA × Fail

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 8EEF99 Background



This preview shows how black text looks on a background with the Hex color 8EEF99.

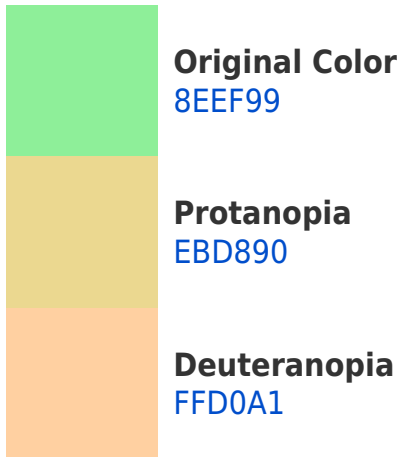


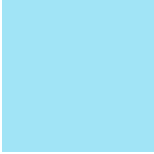
This preview shows how white text looks on a background with the Hex color 8EEF99.

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



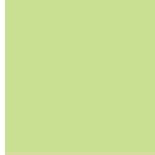


Tritanopia
A1E4F6

Trichromacy



Original Color
8EEF99



Protanomaly
C9E093



Deuteranomaly
D6DB9E



Tritanomaly
9AE8D4

Monochromacy



Original Color
8EEF99



Achromatopsia
C8C8C8



Achromatomaly
B3D6B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EEF99 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 #8EEF99 looks like.

```
.text, #text, p{  
    color:#8EEF99  
}
```

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 #8EEF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EEF99
}
```

Border

The CSS property to change the border of an element to Hex 8EEF99 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
#8EEF99 }
```

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

```
.border{ border-color:#8EEF99 }
```

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

Here you see how a box with a 4 pixel #8EEF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EEF99; -webkit-box-shadow:4px 4px  
4px 4px #8EEF99; box-shadow:4px 4px 4px  
4px #8EEF99 }
```

Background

The CSS property to change the background color of an element to Hex 8EEF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EEF99 }
```

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

```
.background{ background-color:#8EEF99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor