

# Converting Colors

Hex(8EEBF9)

Have a look what the booklet for  
Hex(8EEBF9) contains.

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# **Color**

**Hex(8EEBF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EEBF9
RGB	142, 235, 249
RGB Percent	56%, 92%, 98%
CMY	0.4431, 0.0784, 0.0235
CMYK	0.43, 0.06, 0.00, 0.02
HSL	188°, 90%, 77%
HSV	188°, 43%, 98%
XYZ	57.9625, 72.0070, 100.4663
YIQ	208.7890, -59.9220, -15.3620

# Conversions

## Conversions Part 2

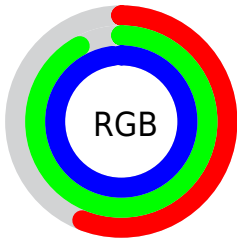
Format	Color
R <sub>Y</sub> B	142, 192, 249
Decimal	9366521
CIE Lab	87.97, -24.15, -15.45
CIE LCh	88, 28.665, 212.604
Yxy	72.0070, 0.2515, 0.3125
Android (android.graphics.Color)	4287556601 (0xFF8EEBF9)
YUV	208.7890, 19.8240, -58.5740
Hunter-Lab	84.8569, -26.5731, -10.7965

# Details

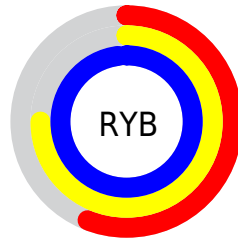
The Hex color **8EEBF9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F99C8E**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **C8FFFF**, and **53B3C1** is the 20% darker color. If you saturate the color by 10%, you get **75E8F9**, and if you desaturate by 10%, it is **A7EEF9**.

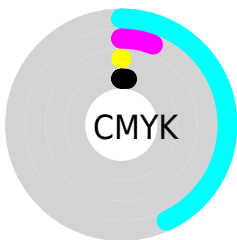
# Distribution



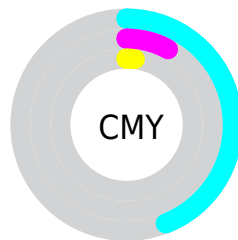
- Red (56%)
- Green (92%)
- Blue (98%)



- Red (56%)
- Yellow (75%)
- Blue (98%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (44%)
- Magenta (8%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EEBF9 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 8EEBF9 by changing the saturation by 10% instead.



 8EEBF9

 8EEBF9

FFFFFF

 71CFDC

 C8FFFF

 53B3C1

 E6FFFF

 3398A5

 007E8B

 006572

 004C59

 003542

 00212B

 000117

 8EEBF9

 8EEBF9

 75E8F9

 A7EEF9

 5CE4F9

 C0F2F9

 43E1F9

 D9F5F9

 2ADEF9

 F2F8F9

 12DBF9

 FFFBF9

 00D8F9

 FFFFF9

# Harmonies

## Analogous

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



98ECDE



8EEBF9



9DE6FF

# Triad

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



8EEBF9



FFCDF6



EFDCA6

# Complementary

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



8EEBF9



F99C8E

# 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.



FFD2AD



8EEBF9



FFC9DB

# Square

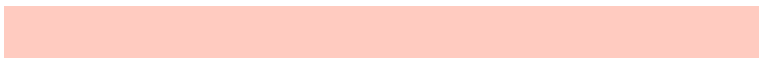
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8EEBF9



E4D5FF



FFCBC0



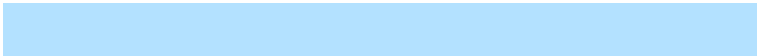
D1E4AE

# Rectangle

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



8EEBF9



B3E1FF



FFCBC0



F7D9A7

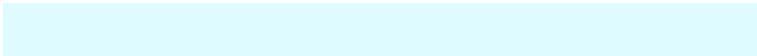


# Sweetspot

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



8EEBF9



DEFBFF



8EF99A



6B7D80



000000



808080

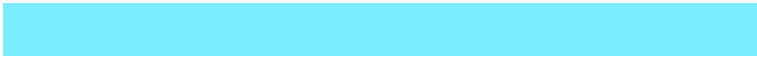


# Same Dimension

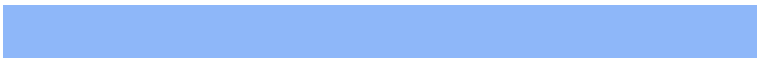
The Same Dimension uses a secret algorithm to generate beautiful new colors.



8EEBF9



7AE EFF



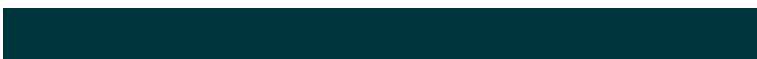
8EB7F9



707B7D



00A4BD



00353D



# Inverse Universe

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



F98EEB



FF7AEE



F9D08E



7D707B



BD00A4

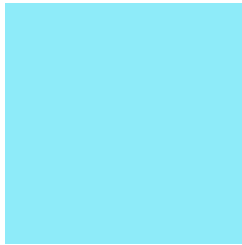


3D0035



# Previews

## White Background



This preview shows how the Hex color 8EEBF9 looks on a white background.

## Color Contrast Check

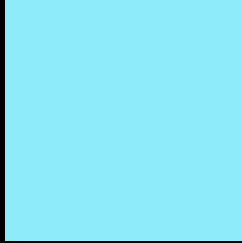
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8EEBF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

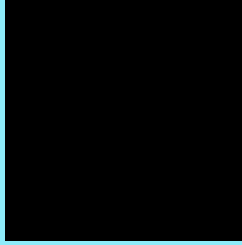
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EEBF9 Background



This preview shows how black text looks on a background with the Hex color 8EEBF9.

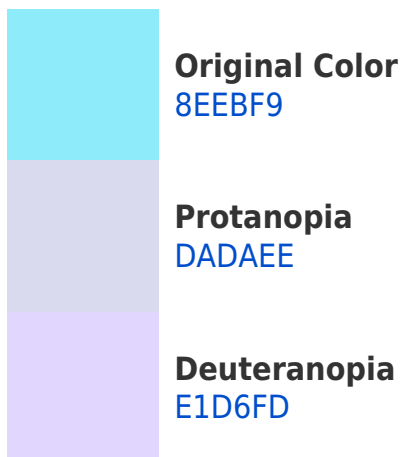


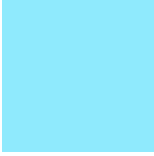
This preview shows how white text looks on a background with the Hex color 8EEBF9.

# 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](#).

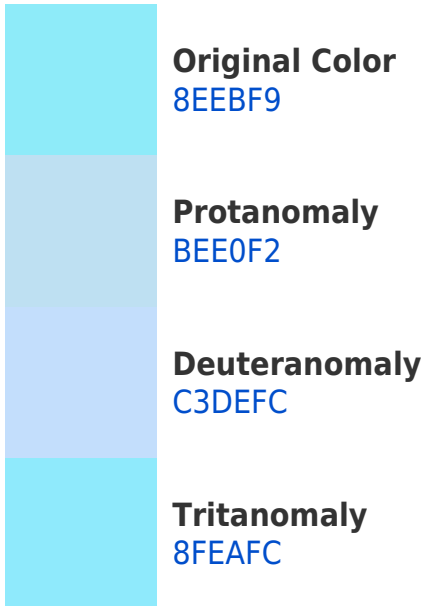
## Dichromacy



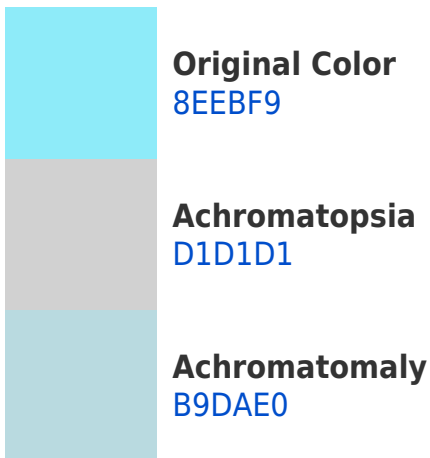


**Tritanopia**  
8FEAFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EEBF9 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 #8EEBF9 looks like.

```
.text, #text, p{  
    color:#8EEBF9  
}
```

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 #8EEBF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EEBF9
}
```

## Border

The CSS property to change the border of an element to Hex 8EEBF9 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
#8EEBF9 }
```

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

```
.border{ border-color:#8EEBF9 }
```

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

Here you see how a box with a 4 pixel #8EEBF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EEBF9; -webkit-box-shadow:4px 4px  
4px 4px #8EEBF9; box-shadow:4px 4px 4px  
4px #8EEBF9 }
```

# Background

The CSS property to change the background color of an element to Hex 8EEBF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EEBF9 }
```

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

```
.background{ background-color:#8EEBF9 }
```

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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