

# Converting Colors

Hex(8EE5F4)

Have a look what the booklet for  
Hex(8EE5F4) contains.

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# **Color**

**Hex(8EE5F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EE5F4
RGB	142, 229, 244
RGB Percent	56%, 90%, 96%
CMY	0.4431, 0.1020, 0.0431
CMYK	0.42, 0.06, 0.00, 0.04
HSL	189°, 82%, 76%
HSV	189°, 42%, 96%
XYZ	55.5038, 68.3211, 95.8499
YIQ	204.6970, -56.6670, -13.7790

# Conversions

## Conversions Part 2

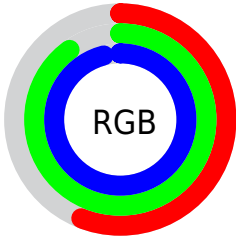
Format	Color
R <sub>Y</sub> B	142, 189, 244
Decimal	9364980
CIE Lab	86.17, -22.45, -15.53
CIE LCh	86, 27.297, 214.673
Yxy	68.3211, 0.2527, 0.3110
Android (android.graphics.Color)	4287555060 (0xFF8EE5F4)
YUV	204.6970, 19.3764, -54.9853
Hunter-Lab	82.6566, -24.7864, -10.8941

# Details

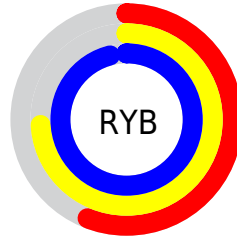
The Hex color **8EE5F4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F49D8E**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C8FFFF**, and **54ADBC** is the 20% darker color. If you saturate the color by 10%, you get **76E1F4**, and if you desaturate by 10%, it is **A6E9F4**.

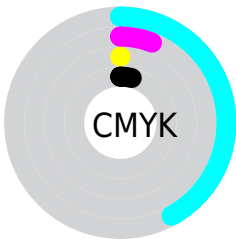
# Distribution



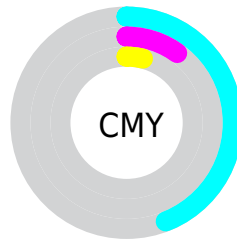
- Red (56%)
- Green (90%)
- Blue (96%)



- Red (56%)
- Yellow (74%)
- Blue (96%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (10%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EE5F4 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 8EE5F4 by changing the saturation by 10% instead.



 8EE5F4

 8EE5F4

FFFFFF

 71C9D8

 C8FFFF

 54ADBC

 E5FFFF

 3593A1

 097987

 00606D

 004855

 00313E

 001E28

 000113

 8EE5F4

 8EE5F4

 76E1F4

 A6E9F4

 5DDEF4

 BFECF4

 45DAF4

 D7F0F4

 2CD7F4

 F0F3F4

 14D3F4

 FFF7F4

 00D0F4

 FFFBF4

 FFFE4

 FFFFF4

# Harmonies

## Analogous

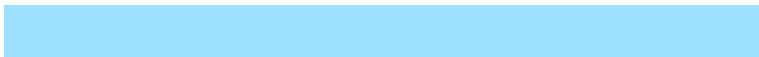
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95E6DB



8EE5F4



9EE0FF

# Triad

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



8EE5F4



FDC8EE



E7D7A4

# Complementary

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



8EE5F4



F49D8E

# 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.



FECFAA



8EE5F4



FFC5D4

# Square

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



8EE5F4



E1D0FF



FFC8BB



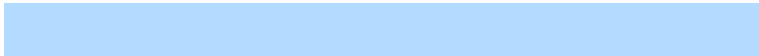
CADFAD

# Rectangle

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



8EE5F4



B2DBFF



FFC8BB



EFD4A4



# Sweetspot

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



8EE5F4



DEFAFF



8EF49C



6B7D80



000000



808080

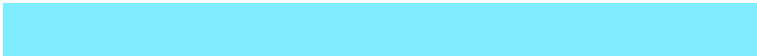


# Same Dimension

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



8EE5F4



80ECFF



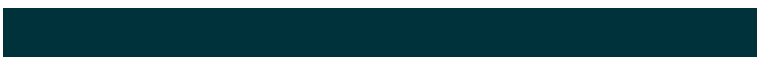
8EB3F4



6E797A



009FBA



00323B



# Inverse Universe

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



F48EE5



FF80EC



F4CF8E



7A6E79



BA009F

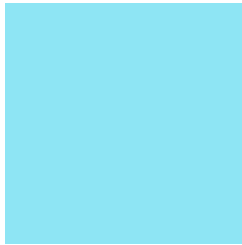


3B0032



# Previews

## White Background



This preview shows how the Hex color 8EE5F4 looks on a white background.

## Color Contrast Check

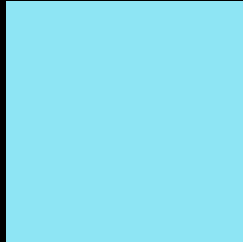
Large Text (above 18pt) WCAG AA × Fail

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 8EE5F4 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 8EE5F4 Background



This preview shows how black text looks on a background with the Hex color 8EE5F4.

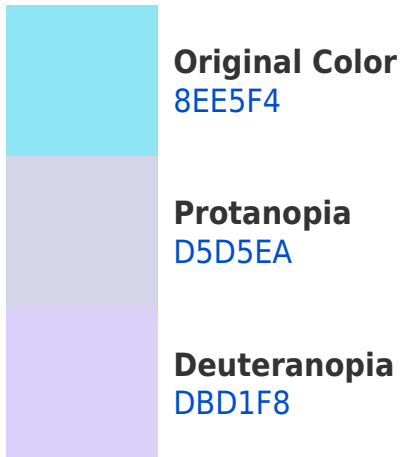


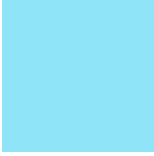
This preview shows how white text looks on a background with the Hex color 8EE5F4.

# 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](#).

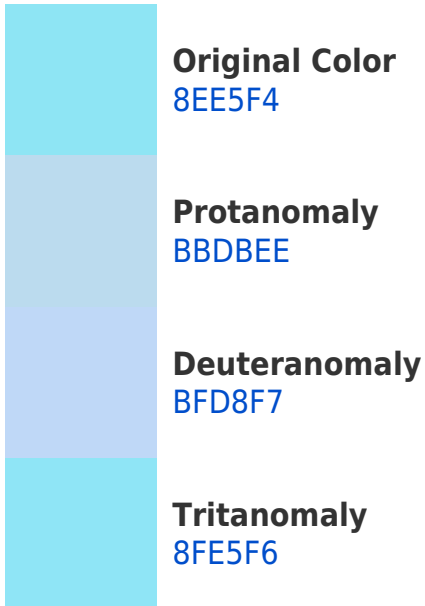
## Dichromacy



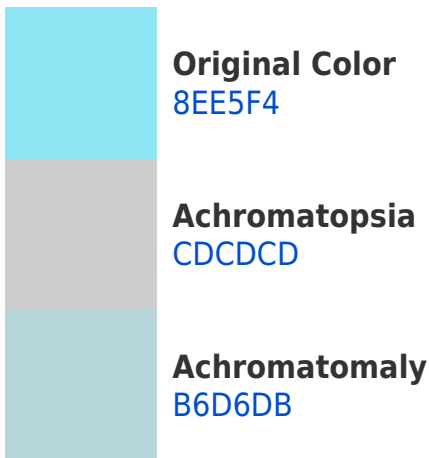


**Tritanopia**  
8FE5F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EE5F4 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 #8EE5F4 looks like.

```
.text, #text, p{  
    color:#8EE5F4  
}
```

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 #8EE5F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE5F4  
}
```

## Border

The CSS property to change the border of an element to Hex 8EE5F4 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  
#8EE5F4 }
```

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

```
.border{ border-color:#8EE5F4 }
```

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

Here you see how a box with a 4 pixel #8EE5F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE5F4; -webkit-box-shadow:4px 4px  
4px 4px #8EE5F4; box-shadow:4px 4px 4px  
4px #8EE5F4 }
```

# Background

The CSS property to change the background color of an element to Hex 8EE5F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE5F4 }
```

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

```
.background{ background-color:#8EE5F4 }
```

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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