

# Converting Colors

Hex(89E7FA)

Have a look what the booklet for  
Hex(89E7FA) contains.

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# **Color**

**Hex(89E7FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89E7FA
RGB	137, 231, 250
RGB Percent	54%, 91%, 98%
CMY	0.4627, 0.0941, 0.0196
CMYK	0.45, 0.08, 0.00, 0.02
HSL	190°, 92%, 76%
HSV	190°, 45%, 98%
XYZ	56.1478, 69.3723, 100.8734
YIQ	205.0600, -62.1230, -14.0190

# Conversions

## Conversions Part 2

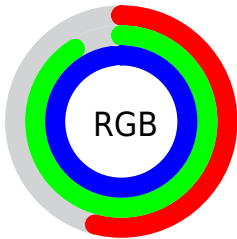
Format	Color
<a href="#">RYB</a>	<a href="#">137, 188, 250</a>
Decimal	<a href="#">9037818</a>
CIELab	<a href="#">86.69, -23.09, -17.92</a>
CIElCh	<a href="#">87, 29.226, 217.822</a>
Yxy	<a href="#">69.3723, 0.2480, 0.3064</a>
Android (android.graphics.Color)	<a href="#">4287227898</a> ( <a href="#">0xFF89E7FA</a> )
YUV	<a href="#">205.0600, 22.1554, -59.6886</a>
Hunter-Lab	<a href="#">83.2900, -25.4266, -13.5037</a>

# Details

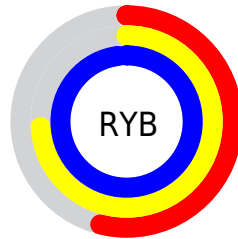
The Hex color **89E7FA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FA9C89**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C4FFFF**, and **4EAFC2** is the 20% darker color. If you saturate the color by 10%, you get **70E3FA**, and if you desaturate by 10%, it is **A2EBFA**.

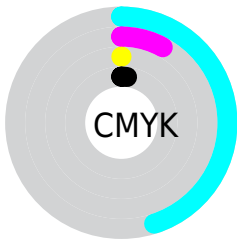
# Distribution



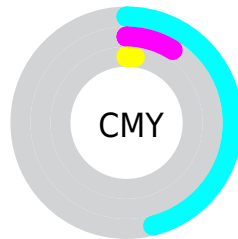
- Red (54%)
- Green (91%)
- Blue (98%)



- Red (54%)
- Yellow (74%)
- Blue (98%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (46%)
- Magenta (9%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89E7FA 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 89E7FA by changing the saturation by 10% instead.



 89E7FA

 89E7FA

FFFFFF

 6CCBDD

 C4FFFF

 4EAFC2

 E1FFFF

 2C94A6

 007A8C

 006172


 00495A

 003242

 001F2C

 000118

 89E7FA

 89E7FA

 70E3FA

 A2EBFA

 57DFFA

 BBEFFA

 3EDAFA

 D4F4FA

 25D6FA

 EDF8FA

 0CD2FA

 FFFCFA

 00D0FA

 FFFFFA

# Harmonies

## Analogous

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



8FE9E0



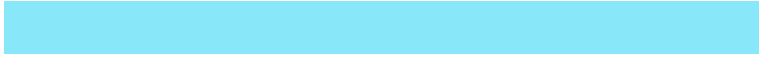
89E7FA



9DE2FF

# Triad

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



89E7FA



FFC8EF



E6DAA2

# Complementary

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



89E7FA



FA9C89

# 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.



FFD0A6



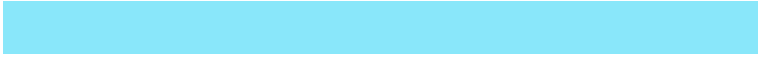
89E7FA



FFC5D3

# Square

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



89E7FA



E7CFFF



FFC8B8



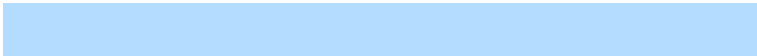
C7E2AD

# Rectangle

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



89E7FA



B4DCFF



FFC8B8



EFD6A2

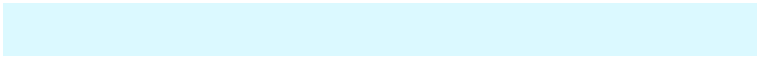


# Sweetspot

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



89E7FA



DBF9FF



89FA9C



6A7C80



000000



808080

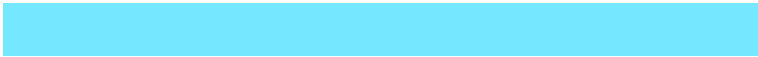


# Same Dimension

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



89E7FA



75E8FF



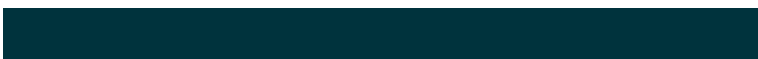
89AFFA



707B7D



009DBD



00333D



# Inverse Universe

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



FA89E7



FF75E8



FAD489



7D707B



BD009D

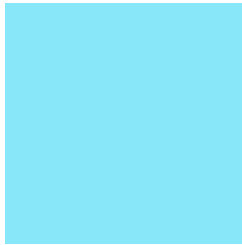


3D0033



# Previews

## White Background



This preview shows how the Hex color 89E7FA looks on a white background.

## Color Contrast Check

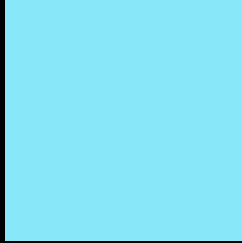
Large Text (above 18pt) WCAG AA × Fail

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 89E7FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

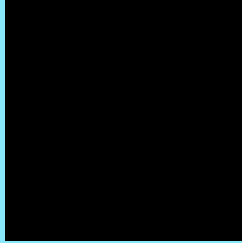
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89E7FA Background



This preview shows how black text looks on a background with the Hex color 89E7FA.

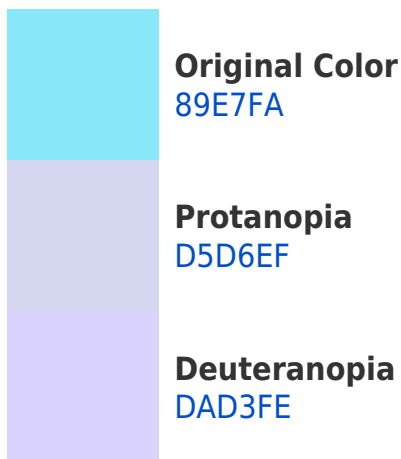


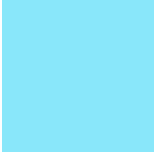
This preview shows how white text looks on a background with the Hex color 89E7FA.

# 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](#).

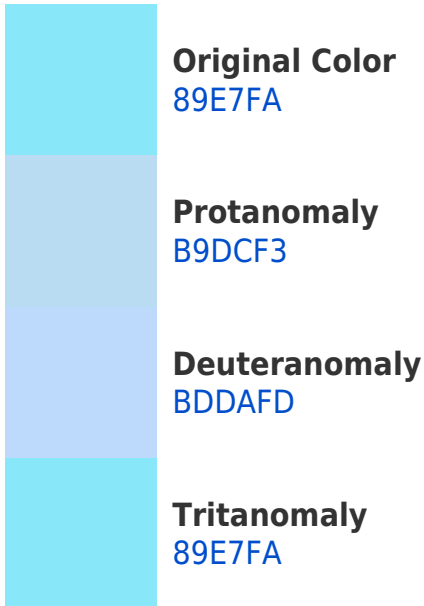
## Dichromacy



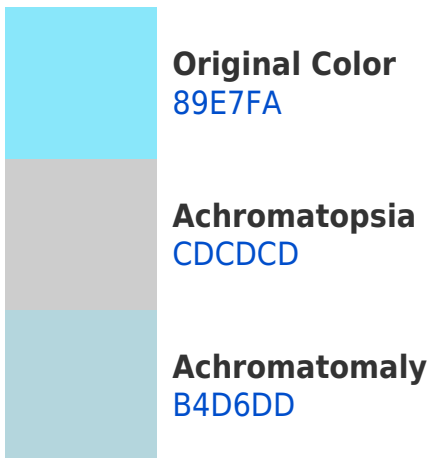


**Tritanopia**  
89E7FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89E7FA 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 #89E7FA looks like.

```
.text, #text, p{  
    color:#89E7FA  
}
```

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 #89E7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E7FA
}
```

## Border

The CSS property to change the border of an element to Hex 89E7FA 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
#89E7FA }
```

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

```
.border{ border-color:#89E7FA }
```

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

Here you see how a box with a 4 pixel #89E7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E7FA; -webkit-box-shadow:4px 4px  
4px 4px #89E7FA; box-shadow:4px 4px 4px  
4px #89E7FA }
```

# Background

The CSS property to change the background color of an element to Hex 89E7FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E7FA }
```

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

```
.background{ background-color:#89E7FA }
```

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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