

# Converting Colors

Hex(89C7F3)

Have a look what the booklet for  
Hex(89C7F3) contains.

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# **Color**

**Hex(89C7F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89C7F3
RGB	137, 199, 243
RGB Percent	54%, 78%, 95%
CMY	0.4627, 0.2196, 0.0471
CMYK	0.44, 0.18, 0.00, 0.05
HSL	205°, 82%, 75%
HSV	205°, 44%, 95%
XYZ	46.9176, 52.6363, 92.4810
YIQ	185.4780, -51.0760, 0.5400

# Conversions

## Conversions Part 2

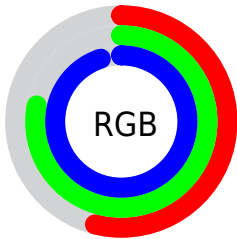
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">137, 176, 243</a>
Decimal	<a href="#">9029619</a>
CIELab	<a href="#">77.66, -8.55, -27.92</a>
CIELCh	<a href="#">78, 29.203, 252.977</a>
Yxy	<a href="#">52.6363, 0.2443, 0.2741</a>
Android (android.graphics.Color)	<a href="#">4287219699</a> <a href="#">(0xFF89C7F3)</a>
YUV	<a href="#">185.4780, 28.3583, -42.5152</a>
Hunter-Lab	<a href="#">72.5509, -11.5306, -24.7917</a>

# Details

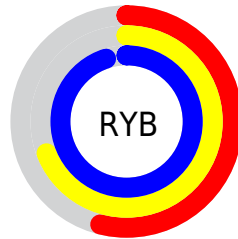
The Hex color **89C7F3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3B589**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C2FFFF**, and **5091BB** is the 20% darker color. If you saturate the color by 10%, you get **71BDF3**, and if you desaturate by 10%, it is **A1D1F3**.

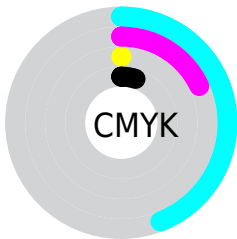
# Distribution



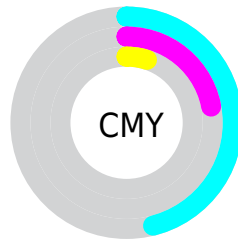
- Red (54%)
- Green (78%)
- Blue (95%)



- Red (54%)
- Yellow (69%)
- Blue (95%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (46%)
- Magenta (22%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89C7F3 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 89C7F3 by changing the saturation by 10% instead.



 89C7F3

 89C7F3

FFFFFF

 6DACD7

 C2FFFF

 5091BB

 DFFFFF

 3278A0

FDFFFF


 055F85

 00476C

 003153

 001D3C

 000326

 00010F

 89C7F3

 89C7F3

 71BDF3

 A1D1F3

 58B3F3

 BADBF3

 40A9F3

 D2E5F3

 289FF3

 EAEFF3

 1095F3

 FFF9F3

 008EF3

 FFFFF3

# Harmonies

## Analogous

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



70CDE4



89C7F3



AFBEF4

# Triad

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



89C7F3



F7ACB5



A9C998

# Complementary

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



89C7F3



F3B589

# 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.



C8C28B



89C7F3



F2B19C

# Square

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



89C7F3



ECAED0



E1B98D



8ACEAF

# Rectangle

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



89C7F3



C8B8ED



E1B98D



B4C792

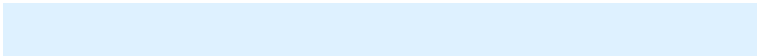


# Sweetspot

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



89C7F3



DEF1FF



89F3B3



6B7780



000000



808080



# Same Dimension

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



89C7F3



7AC8FF



8994F3



6E757A



006DBA



00223B



# Inverse Universe

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



F389C7



FF7AC8



F3E889



7A6E75



BA006D

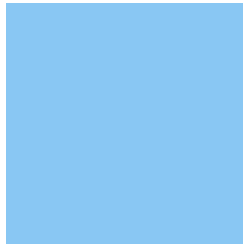


3B0022



# Previews

## White Background



This preview shows how the Hex color 89C7F3 looks on a white background.

## Color Contrast Check

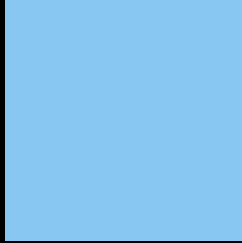
Large Text (above 18pt) WCAG AA × Fail

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 89C7F3 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

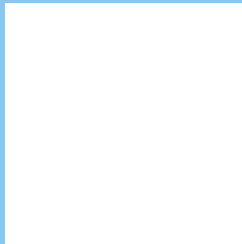
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89C7F3 Background



This preview shows how black text looks on a background with the Hex color 89C7F3.

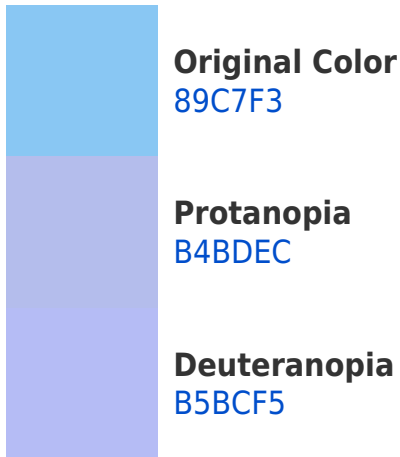


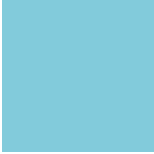
This preview shows how white text looks on a background with the Hex color 89C7F3.

# 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](#).

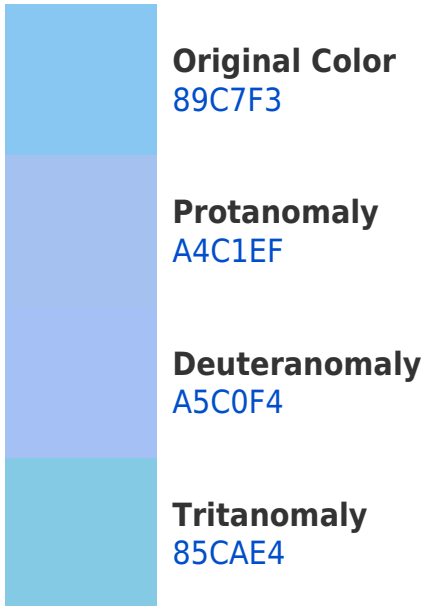
## Dichromacy



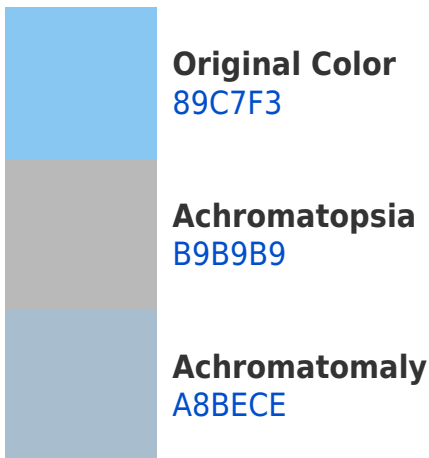


**Tritanopia**  
82CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89C7F3 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 #89C7F3 looks like.

```
.text, #text, p{  
    color:#89C7F3  
}
```

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 #89C7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C7F3
}
```

## Border

The CSS property to change the border of an element to Hex 89C7F3 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
#89C7F3 }
```

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

```
.border{ border-color:#89C7F3 }
```

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

Here you see how a box with a 4 pixel #89C7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C7F3; -webkit-box-shadow:4px 4px  
4px 4px #89C7F3; box-shadow:4px 4px 4px  
4px #89C7F3 }
```

# Background

The CSS property to change the background color of an element to Hex 89C7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C7F3 }
```

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

```
.background{ background-color:#89C7F3 }
```

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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