

Converting Colors

Hex(89E0F3)

Have a look what the booklet for
Hex(89E0F3) contains.

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Color

Hex(89E0F3)

Conversions

Conversions Part 1

Format	Color
Hex	89E0F3
RGB	137, 224, 243
RGB Percent	54%, 88%, 95%
CMY	0.4627, 0.1216, 0.0471
CMYK	0.44, 0.08, 0.00, 0.05
HSL	191°, 82%, 75%
HSV	191°, 44%, 95%
XYZ	53.1498, 65.1007, 94.5584
YIQ	200.1530, -57.9510, -12.5350

Conversions

Conversions Part 2

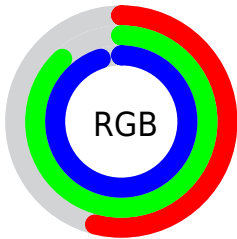
Format	Color
R _Y B	137, 185, 243
Decimal	9036019
CIE Lab	84.54, -21.41, -17.48
CIE LCh	85, 27.639, 219.221
Yxy	65.1007, 0.2498, 0.3059
Android (android.graphics.Color)	4287226099 (0xFF89E0F3)
YUV	200.1530, 21.1236, -55.3852
Hunter-Lab	80.6850, -23.6151, -13.0051

Details

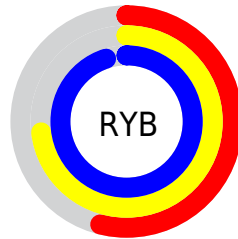
The Hex color **89E0F3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F39C89**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C3FFFF**, and **4FA9BB** is the 20% darker color. If you saturate the color by 10%, you get **71DCF3**, and if you desaturate by 10%, it is **A1E4F3**.

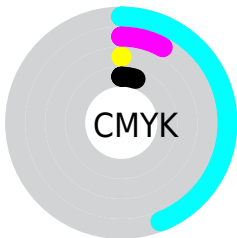
Distribution



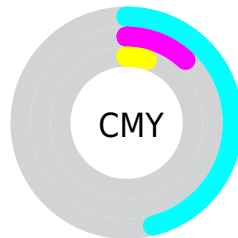
- Red (54%)
- Green (88%)
- Blue (95%)



- Red (54%)
- Yellow (73%)
- Blue (95%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (46%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E0F3 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 89E0F3 by changing the saturation by 10% instead.

 89E0F3

 89E0F3

FFFFFF

 6CC4D7

 C3FFFF

 4FA9BB

 E0FFFF

 2F8EA0

FEFFFF

 007486

 005B6C

 004454

 002D3D

 001A27

 000112

 89E0F3

 89E0F3

 71DCF3

 A1E4F3

 58D7F3

 BAE9F3

 40D3F3

 D2EDF3

 28CFF3

 EAF1F3

 10CAF3

 FFF6F3

 00C7F3

 FFFAF3

 FFFE3

 FFFF3

Harmonies

Analogous

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



8DE2DA



89E0F3



9DDBFF

Triad

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



89E0F3



FBC2E6



DED49F

Complementary

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



89E0F3



F39C89

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.



F7CBA3



89E0F3



FFC0CC

Square

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



89E0F3



E1CAFB



FFC4B3



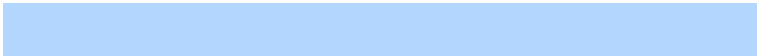
C1DBAA

Rectangle

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



89E0F3



B3D6FF



FFC4B3



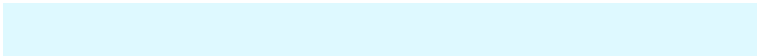
E7D19F

Sweetspot

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



89E0F3



DEF9FF



89F39B



6B7C80



000000



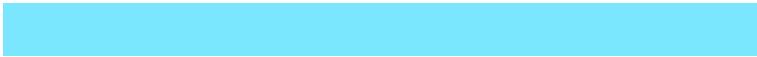
808080

Same Dimension

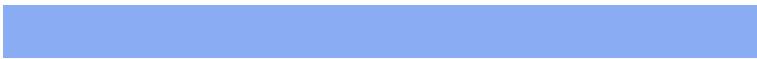
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89E0F3



7AE7FF



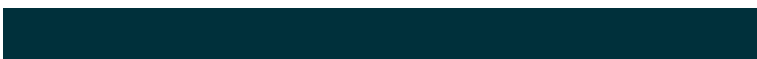
89ACF3



6E787A



0099BA



00303B

Inverse Universe

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



F389E0



FF7AE7



F3D089



7A6E78



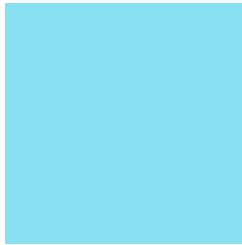
BA0099



3B0030

Previews

White Background



This preview shows how the Hex color 89E0F3 looks on a white background.

Color Contrast Check

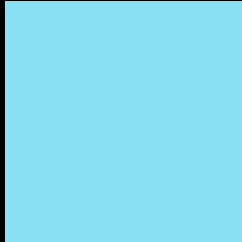
Large Text (above 18pt) WCAG AA × Fail

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 89E0F3 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 89E0F3 Background



This preview shows how black text looks on a background with the Hex color 89E0F3.

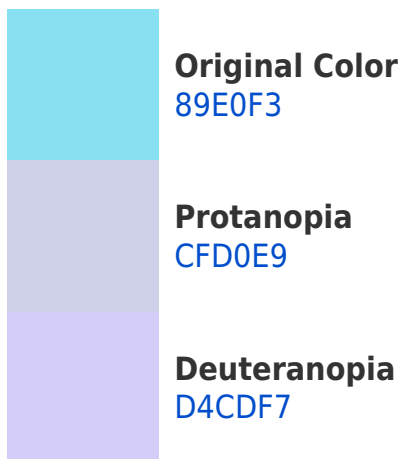


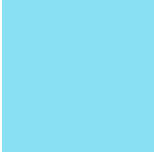
This preview shows how white text looks on a background with the Hex color 89E0F3.

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](#).

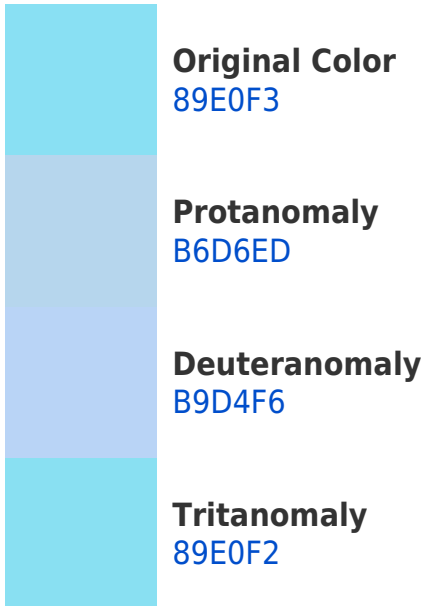
Dichromacy



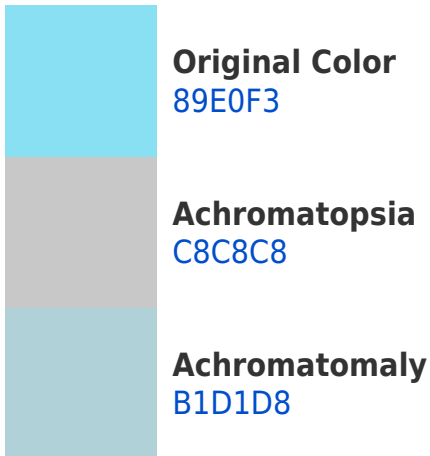


Tritanopia
89E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89E0F3 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 #89E0F3 looks like.

```
.text, #text, p{  
    color:#89E0F3  
}
```

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 #89E0F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E0F3
}
```

Border

The CSS property to change the border of an element to Hex 89E0F3 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
#89E0F3 }
```

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

```
.border{ border-color:#89E0F3 }
```

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

Here you see how a box with a 4 pixel #89E0F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E0F3; -webkit-box-shadow:4px 4px  
4px 4px #89E0F3; box-shadow:4px 4px 4px  
4px #89E0F3 }
```

Background

The CSS property to change the background color of an element to Hex 89E0F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E0F3 }
```

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

```
.background{ background-color:#89E0F3 }
```

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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