

# Converting Colors

Hex(89E0F2)

Have a look what the booklet for  
Hex(89E0F2) contains.

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# **Color**

**Hex(89E0F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89E0F2
RGB	137, 224, 242
RGB Percent	54%, 88%, 95%
CMY	0.4627, 0.1216, 0.0510
CMYK	0.43, 0.07, 0.00, 0.05
HSL	190°, 80%, 74%
HSV	190°, 43%, 95%
XYZ	52.9992, 65.0405, 93.7651
YIQ	200.0390, -57.6300, -12.8460

# Conversions

## Conversions Part 2

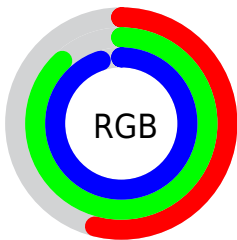
Format	Color
R <sub>Y</sub> B	137, 185, 242
Decimal	9036018
CIE Lab	84.50, -21.67, -17.00
CIE LCh	85, 27.538, 218.108
Yxy	65.0405, 0.2502, 0.3071
Android (android.graphics.Color)	4287226098 (0xFF89E0F2)
YUV	200.0390, 20.6868, -55.2852
Hunter-Lab	80.6477, -23.8287, -12.4802

# Details

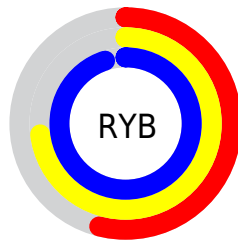
The Hex color **89E0F2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F29B89**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C3FFFF**, and **4FA9BA** is the 20% darker color. If you saturate the color by 10%, you get **71DCF2**, and if you desaturate by 10%, it is **A1E4F2**.

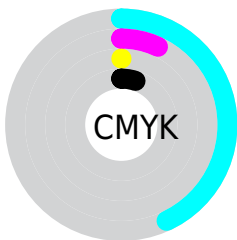
# Distribution



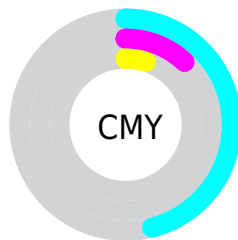
- Red (54%)
- Green (88%)
- Blue (95%)



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



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



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


# Brightness & Saturation Gradients

These gradients show how the Hex color 89E0F2 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 89E0F2 by changing the saturation by 10% instead.



 89E0F2

 89E0F2

FFFFFF

 6CC4D6

 C3FFFF

 4FA9BA

 E0FFFF

 2F8E9F

FEFFFF

 007485

 005B6C

 004453

 002D3C

 001A26

 000111

89E0F2

89E0F2

71DCF2

A1E4F2

59D8F2

B9E8F2

40D4F2

D2ECF2

28CFF2

EAF1F2

10CBF2

FFF5F2

00C9F2

FFF9F2

FFFDF2

FFFFF2

# Harmonies

## Analogous

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



8EE2D9



89E0F2



9CDBFF

# Triad

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



89E0F2



FAC3E7



DFD39F

# Complementary

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



89E0F2



F29B89

# 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



89E0F2



FFC0CD

# Square

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



89E0F2



E0CAFC



FFC3B4



C2DBA9

# Rectangle

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



89E0F2



B1D6FF



FFC3B4



E8D19F

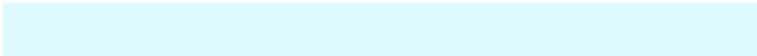


# Sweetspot

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



89E0F2



DEF9FF



89F29A



6B7C80



000000



808080

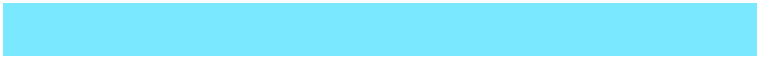


# Same Dimension

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



89E0F2



7AE8FF



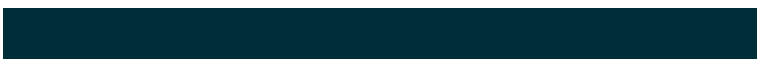
89ACF2



6C7678



0098B8



002E38



# Inverse Universe

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



F289E0



FF7AE8



F2CF89



786C76



B80098

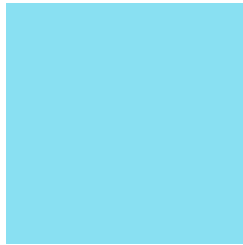


38002E



# Previews

## White Background



This preview shows how the Hex color 89E0F2 looks on a white background.

## Color Contrast Check

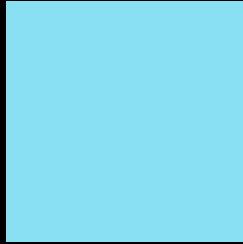
Large Text (above 18pt) WCAG AA × Fail

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 89E0F2 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 89E0F2 Background



This preview shows how black text looks on a background with the Hex color 89E0F2.

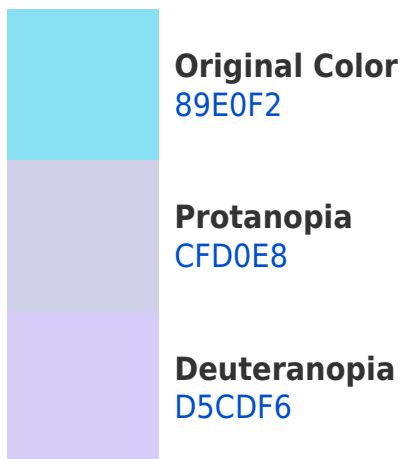


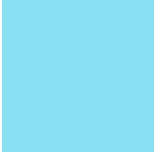
This preview shows how white text looks on a background with the Hex color 89E0F2.

# 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](#).

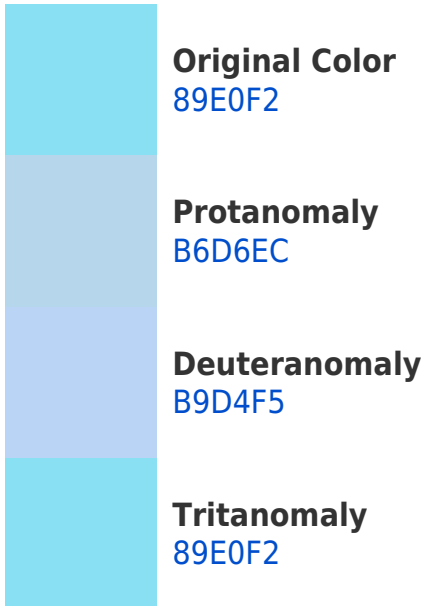
## Dichromacy



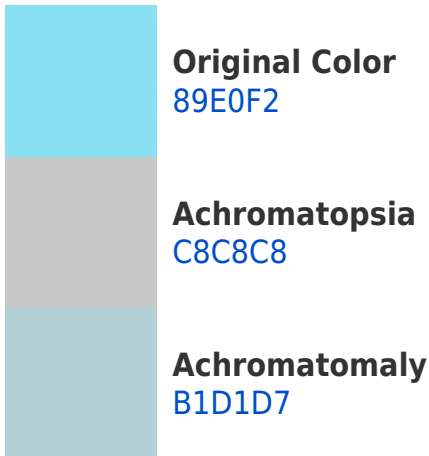


**Tritanopia**  
89E0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89E0F2 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 #89E0F2 looks like.

```
.text, #text, p{  
    color:#89E0F2  
}
```

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 #89E0F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E0F2
}
```

## Border

The CSS property to change the border of an element to Hex 89E0F2 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
#89E0F2 }
```

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

```
.border{ border-color:#89E0F2 }
```

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

Here you see how a box with a 4 pixel #89E0F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E0F2; -webkit-box-shadow:4px 4px  
4px 4px #89E0F2; box-shadow:4px 4px 4px  
4px #89E0F2 }
```

# Background

The CSS property to change the background color of an element to Hex 89E0F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E0F2 }
```

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

```
.background{ background-color:#89E0F2 }
```

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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