

# Converting Colors

Hex(89A0E7)

Have a look what the booklet for  
Hex(89A0E7) contains.

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# Color

**Hex(89A0E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A0E7
RGB	137, 160, 231
RGB Percent	54%, 63%, 91%
CMY	0.4627, 0.3725, 0.0941
CMYK	0.41, 0.31, 0.00, 0.09
HSL	225°, 66%, 72%
HSV	225°, 41%, 91%
XYZ	37.3111, 36.2295, 80.6278
YIQ	161.2170, -36.4990, 17.2050

# Conversions

## Conversions Part 2

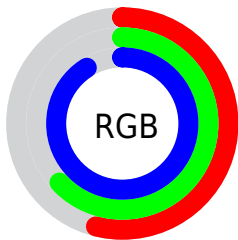
Format	Color
<a href="#">RYB</a>	<a href="#">137, 155, 231</a>
Decimal	<a href="#">9019623</a>
CIELab	<a href="#">66.69, 9.66, -38.36</a>
CIElCh	<a href="#">67, 39.561, 284.132</a>
Yxy	<a href="#">36.2295, 0.2420, 0.2350</a>
Android (android.graphics.Color)	<a href="#">4287209703 (0xFF89A0E7)</a>
YUV	<a href="#">161.2170, 34.4030, -21.2383</a>
Hunter-Lab	<a href="#">60.1909, 5.3144, -37.2873</a>

# Details

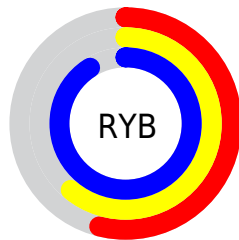
The Hex color **89A0E7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E7D089**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C1D7FF**, and **526DAF** is the 20% darker color. If you saturate the color by 10%, you get **728FE7**, and if you desaturate by 10%, it is **A0B1E7**.

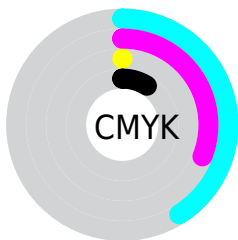
# Distribution



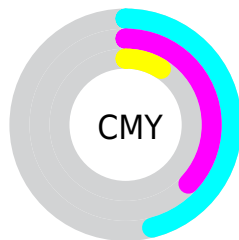
- Red (54%)
- Green (63%)
- Blue (91%)



- Red (54%)
- Yellow (61%)
- Blue (91%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (46%)
- Magenta (37%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A0E7 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 89A0E7 by changing the saturation by 10% instead.



 89A0E7

 89A0E7

FFFFFF

 6D86CB

 C1D7FF

 526DAF

 DEF3FF

 365594

 FCFFFF

 143E7A

 002861

 001549

 000432

 00011C

 000000

■ 89A0E7

■ 89A0E7

■ 728FE7

■ A0B1E7

■ 5B7DE7

■ B7C3E7

■ 446CE7

■ CED4E7

■ 2D5AE7

■ E5E6E7

■ 1649E7

■ FDF7E7

■ 0039E7

■ FFFFE7

# Harmonies

## Analogous

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



46ABE6



89A0E7



BB93D6

# Triad

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



89A0E7



E08D72



51B48E

# Complementary

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



89A0E7



E7D089

# 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.



81AE6E



89A0E7



C99A5E

# Square

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



89A0E7



E78693



A8A55C



00B5B2

# Rectangle

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



89A0E7



D38BC2



A8A55C



62B282



# Sweetspot

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



89A0E7



E0E8FF



89E7D0



6E7280



000000



808080



# Same Dimension

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



89A0E7



82A1FF



A189E7



676A73



002CB3



000C33



# Inverse Universe

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



E789A0



FF82A1



D0E789



73676A



B3002C

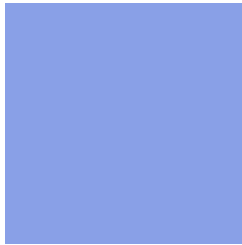


33000C



# Previews

## White Background



This preview shows how the Hex color 89A0E7 looks on a white background.

## Color Contrast Check

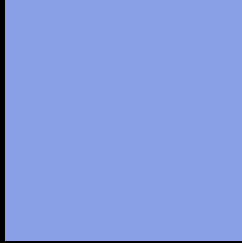
Large Text (above 18pt) WCAG AA × Fail

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 89A0E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

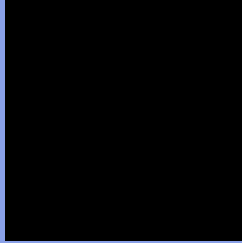
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

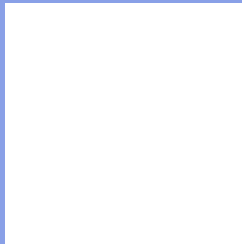
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89A0E7 Background



This preview shows how black text looks on a background with the Hex color 89A0E7.



This preview shows how white text looks on a background with the Hex color 89A0E7.

# 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



**Original Color**  
89A0E7

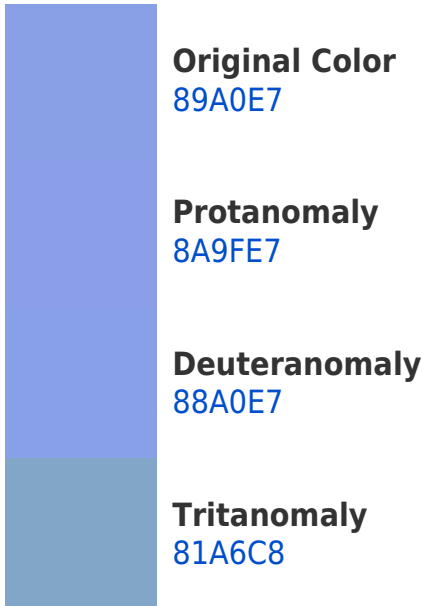
**Protanopia**  
8B9FE7

**Deuteranopia**  
88A0E7

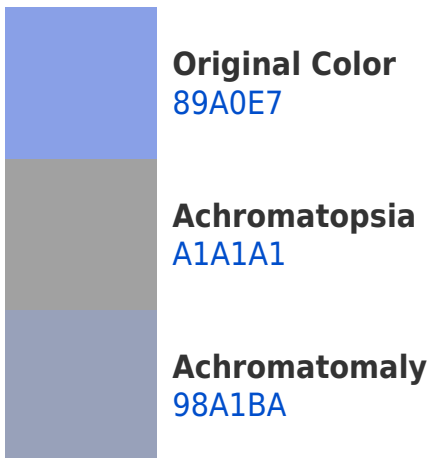


**Tritanopia**  
7DA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A0E7 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 #89A0E7 looks like.

```
.text, #text, p{  
    color:#89A0E7  
}
```

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 #89A0E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A0E7
}
```

## Border

The CSS property to change the border of an element to Hex 89A0E7 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
#89A0E7 }
```

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

```
.border{ border-color:#89A0E7 }
```

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

Here you see how a box with a 4 pixel #89A0E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A0E7; -webkit-box-shadow:4px 4px  
4px 4px #89A0E7; box-shadow:4px 4px 4px  
4px #89A0E7 }
```

# Background

The CSS property to change the background color of an element to Hex 89A0E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A0E7 }
```

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

```
.background{ background-color:#89A0E7 }
```

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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