

Converting Colors

Hex(89B1EE)

Have a look what the booklet for
Hex(89B1EE) contains.

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Color

Hex(89B1EE)

Conversions

Conversions Part 1

Format	Color
Hex	89B1EE
RGB	137, 177, 238
RGB Percent	54%, 69%, 93%
CMY	0.4627, 0.3059, 0.0667
CMYK	0.42, 0.26, 0.00, 0.07
HSL	216°, 75%, 74%
HSV	216°, 42%, 93%
XYZ	41.4713, 42.9357, 86.9906
YIQ	171.9940, -43.4210, 10.4910

Conversions

Conversions Part 2

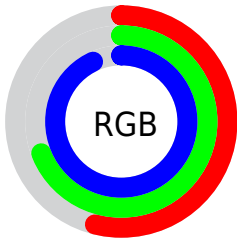
Format	Color
RYB	137, 166, 238
Decimal	9023982
CIELab	71.51, 2.03, -34.70
CIELCh	72, 34.759, 273.347
Yxy	42.9357, 0.2420, 0.2505
Android (android.graphics.Color)	4287214062 (0xFF89B1EE)
YUV	171.9940, 32.5410, -30.6897
Hunter-Lab	65.5253, -1.6959, -32.8449

Details

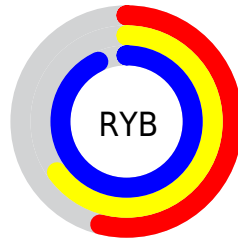
The Hex color **89B1EE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EEC689**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C2E8FF**, and **517DB6** is the 20% darker color. If you saturate the color by 10%, you get **71A3EE**, and if you desaturate by 10%, it is **A1BFEE**.

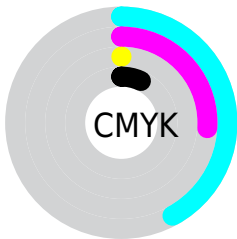
Distribution



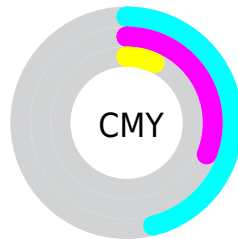
- Red (54%)
- Green (69%)
- Blue (93%)



- Red (54%)
- Yellow (65%)
- Blue (93%)



- Cyan (42%)
- Magenta (26%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89B1EE 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 89B1EE by changing the saturation by 10% instead.


 89B1EE

 89B1EE

FFFFFF

 6D96D2

 C2E8FF

 517DB6

 DFFFFFF

 34649B

 FCFFFF

 0F4C81

 003667

 00214F

 000938

 000221

 000007

■ 89B1EE

■ 89B1EE

■ 71A3EE

■ A1BFEE

■ 5994EE

■ B9CEEE

■ 4286EE

■ D0DCEE

■ 2A78EE

■ E8EAEE

■ 1269EE

■ FFF9EE

■ 005EEE

■ FFFFEE

Harmonies

Analogous

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



57BAE7



89B1EE



B8A6E4

Triad

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



89B1EE



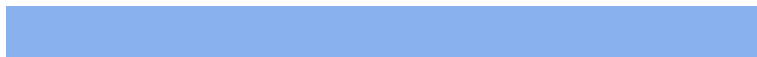
EC9A8E



7ABE92

Complementary

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



89B1EE



EEC689

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.



9FB879



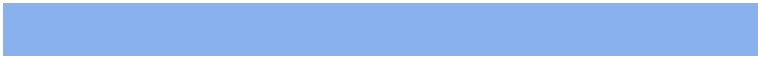
89B1EE



DCA377

Square

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



89B1EE



EC97AD



C1AE6F



53C0B2

Rectangle

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



89B1EE



D19ED5



C1AE6F



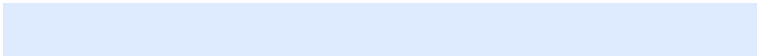
87BC88

Sweetspot

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



89B1EE



DEEBFF



89EEC6



6B7380



000000



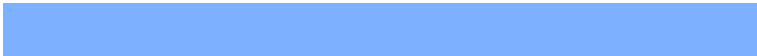
808080

Same Dimension

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



89B1EE



7DB0FF



9389EE



6C7178



0049B8



001638

Inverse Universe

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



EE89B1



FF7DB0



E4EE89



786C71



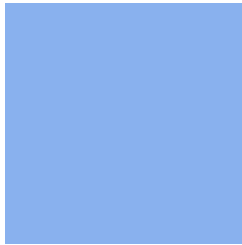
B80049



380016

Previews

White Background



This preview shows how the Hex color 89B1EE looks on a white background.

Color Contrast Check

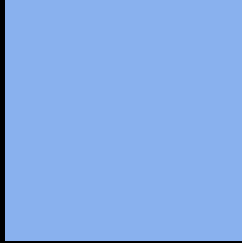
Large Text (above 18pt) WCAG AA × Fail

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 89B1EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

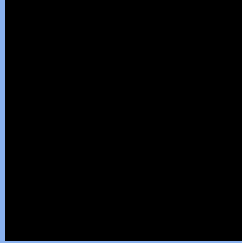
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

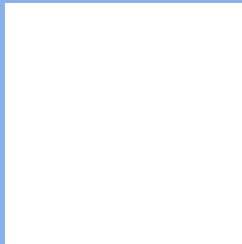
Any Text WCAG AAA ✓ Pass

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

Hex 89B1EE Background



This preview shows how black text looks on a background with the Hex color 89B1EE.

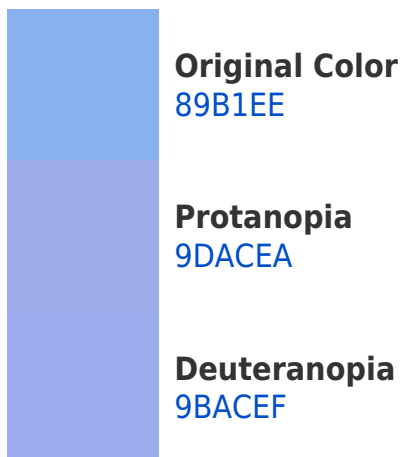


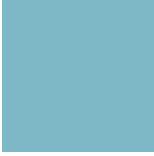
This preview shows how white text looks on a background with the Hex color 89B1EE.

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](#).

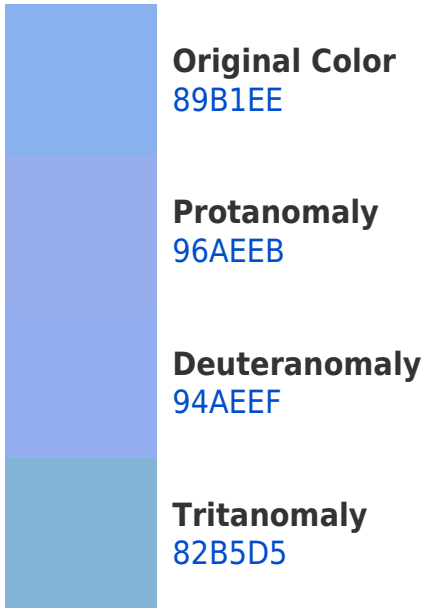
Dichromacy



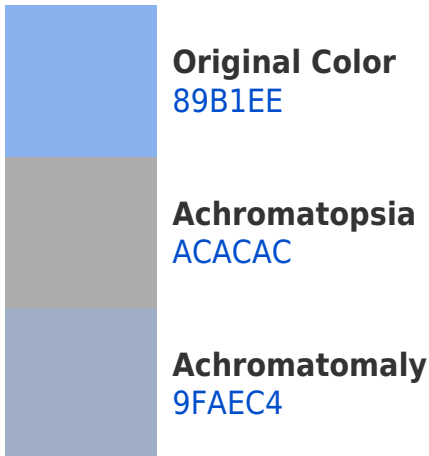


Tritanopia
7EB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89B1EE 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 #89B1EE looks like.

```
.text, #text, p{  
    color:#89B1EE  
}
```

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 #89B1EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B1EE }  
}
```

Border

The CSS property to change the border of an element to Hex 89B1EE 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 #89B1EE }  
}
```

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

```
.border{ border-color:#89B1EE }
```

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

Here you see how a box with a 4 pixel #89B1EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B1EE; -webkit-box-shadow:4px 4px  
4px 4px #89B1EE; box-shadow:4px 4px 4px  
4px #89B1EE }
```

Background

The CSS property to change the background color of an element to Hex 89B1EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B1EE }
```

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

```
.background{ background-color:#89B1EE }
```

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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