

Converting Colors

Hex(849EEB)

Have a look what the booklet for
Hex(849EEB) contains.

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Color

Hex(849EEB)

Conversions

Conversions Part 1

Format	Color
Hex	849EEB
RGB	132, 158, 235
RGB Percent	52%, 62%, 92%
CMY	0.4824, 0.3804, 0.0784
CMYK	0.44, 0.33, 0.00, 0.08
HSL	225°, 72%, 72%
HSV	225°, 44%, 92%
XYZ	36.7380, 35.3574, 83.4856
YIQ	159.0040, -40.2130, 18.4350

Conversions

Conversions Part 2

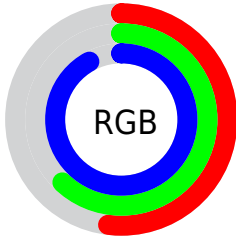
Format	Color
RYB	132, 153, 235
Decimal	8691435
CIELab	66.03, 10.66, -41.63
CIElCh	66, 42.973, 284.361
Yxy	35.3574, 0.2361, 0.2273
Android (android.graphics.Color)	4286881515 (0xFF849EEB)
YUV	159.0040, 37.4660, -23.6825
Hunter-Lab	59.4621, 6.2255, -41.6205

Details

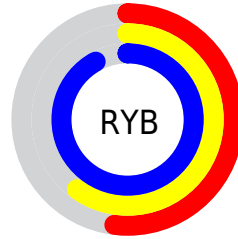
The Hex color **849EEB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EBD184**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BDD4FF**, and **4C6BB3** is the 20% darker color. If you saturate the color by 10%, you get **6D8CEB**, and if you desaturate by 10%, it is **9CB0EB**.

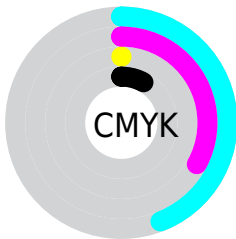
Distribution



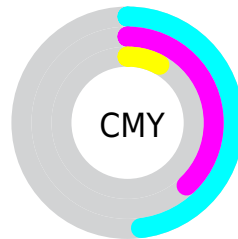
- Red (52%)
- Green (62%)
- Blue (92%)



- Red (52%)
- Yellow (60%)
- Blue (92%)



- Cyan (44%)
- Magenta (33%)
- Yellow (0%)
- Black (8%)



- Cyan (48%)
- Magenta (38%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849EEB 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 849EEB by changing the saturation by 10% instead.

 849EEB

 849EEB

FFFFFF

 6884CF

 BDD4FF

 4C6BB3

 DAF1FF

 2E5398

 F7FFFF

 003C7E

 002764

 00134C

 000534

 00021E

 000001

■ 849EEB

■ 849EEB

■ 6D8CEB

■ 9CB0EB

■ 557BEB

■ B3C1EB

■ 3E69EB

■ CBD3EB

■ 2658EB

■ E2E4EB

■ 0F46EB

■ FAF6EB

■ 003BEB

■ FFFFEB

Harmonies

Analogous

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



2EAAEA



849EEB



BC8FD8

Triad

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



849EEB



E28A6C



44B38A

Complementary

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



849EEB



EBD184

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.



7BAE68



849EEB



CA9756

Square

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



849EEB



EA818F



A6A454



00B5B2

Rectangle

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



849EEB



D587C3



A6A454



59B27E

Sweetspot

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



849EEB



DEE6FF



84EBD0



6B7080



000000



808080

Same Dimension

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



849EEB



789AFF



9C84EB



6A6D75



002EB5



000E36

Inverse Universe

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



EB849E



FF789A



D3EB84



756A6D



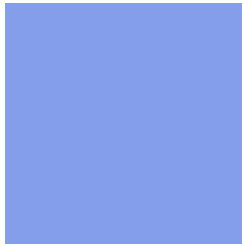
B5002E



36000E

Previews

White Background



This preview shows how the Hex color 849EEB looks on a white background.

Color Contrast Check

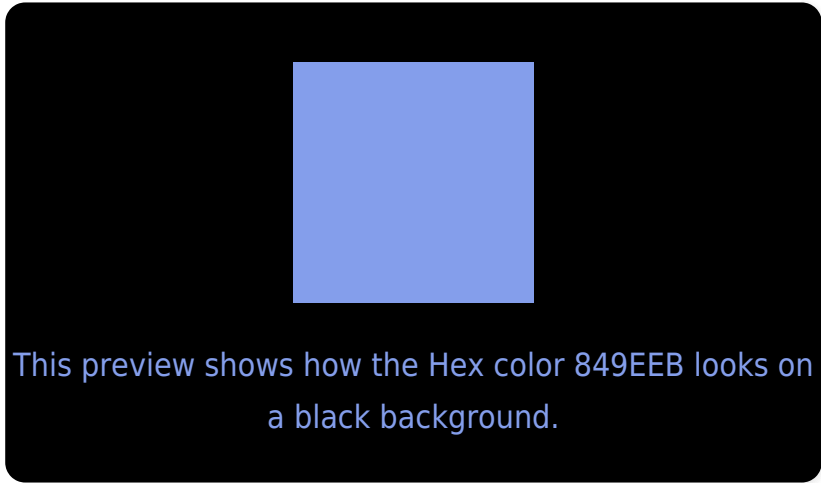
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

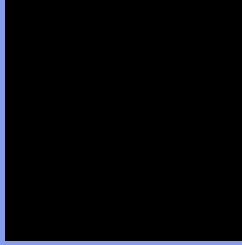
Any Text WCAG AA ✓ Pass

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 849EEB Background



This preview shows how black text looks on a background with the Hex color 849EEB.



This preview shows how white text looks on a background with the Hex color 849EEB.

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

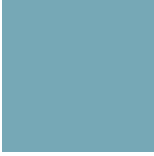
849EEB

Protanopia

869DEB

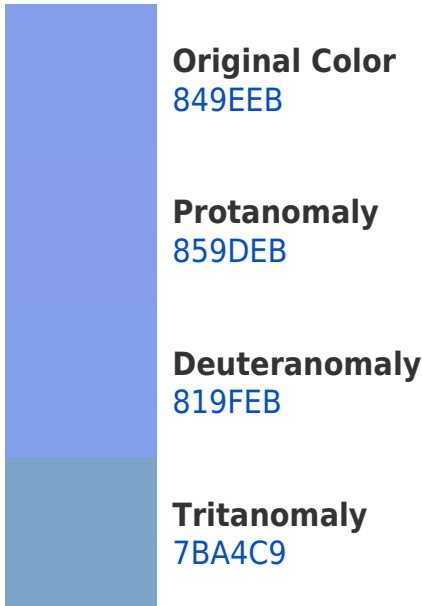
Deuteranopia

809FEB

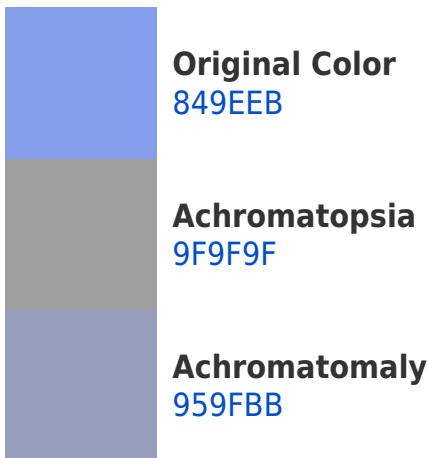


Tritanopia
76A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849EEB 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 #849EEB looks like.

```
.text, #text, p{  
    color:#849EEB  
}
```

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 #849EEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849EEB
}
```

Border

The CSS property to change the border of an element to Hex 849EEB 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
#849EEB }
```

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

```
.border{ border-color:#849EEB }
```

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

Here you see how a box with a 4 pixel #849EEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849EEB; -webkit-box-shadow:4px 4px  
4px 4px #849EEB; box-shadow:4px 4px 4px  
4px #849EEB }
```

Background

The CSS property to change the background color of an element to Hex 849EEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849EEB }
```

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

```
.background{ background-color:#849EEB }
```

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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