

Converting Colors

Hex(849EF0)

Have a look what the booklet for
Hex(849EF0) contains.

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Color

Hex(849EF0)

Conversions

Conversions Part 1

Format	Color
Hex	849EF0
RGB	132, 158, 240
RGB Percent	52%, 62%, 94%
CMY	0.4824, 0.3804, 0.0588
CMYK	0.45, 0.34, 0.00, 0.06
HSL	226°, 78%, 73%
HSV	226°, 45%, 94%
XYZ	37.4708, 35.6505, 87.3444
YIQ	159.5740, -41.8180, 19.9900

Conversions

Conversions Part 2

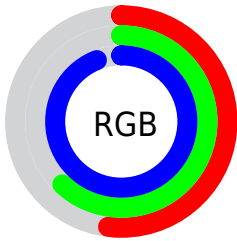
Format	Color
R_{YB}	132, 153, 240
Decimal	8691440
CIE _{Lab}	66.25, 12.09, -44.02
CIE _{LCh}	66, 45.649, 285.358
Yxy	35.6505, 0.2335, 0.2222
Android (android.graphics.Color)	4286881520 (0xFF849EF0)
YUV	159.5740, 39.6500, -24.1824
Hunter-Lab	59.7081, 7.5315, -44.9372

Details

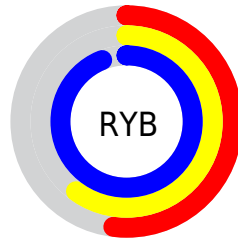
The Hex color **849EF0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F0D684**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BDD4FF**, and **4B6BB8** is the 20% darker color. If you saturate the color by 10%, you get **6C8CF0**, and if you desaturate by 10%, it is **9CB0F0**.

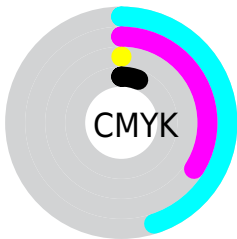
Distribution



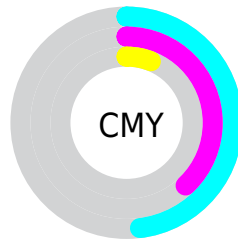
- Red (52%)
- Green (62%)
- Blue (94%)



- Red (52%)
- Yellow (60%)
- Blue (94%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (6%)



- Cyan (48%)
- Magenta (38%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849EF0 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 849EF0 by changing the saturation by 10% instead.

 849EF0

 849EF0

FFFFFF

 6884D3

 BDD4FF

 4B6BB8

 DAF1FF

 2C539C

 F8FFFF

 003C82

 002768

 001450

 000538

 000222

 000007

■ 849EF0

■ 849EF0

■ 6C8CF0

■ 9CB0F0

■ 547AF0

■ B4C2F0

■ 3C67F0

■ CCD5F0

■ 2455F0

■ E4E7F0

■ 0C43F0

■ FCF9F0

■ 003AF0

■ FFFFF0

Harmonies

Analogous

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



19ABF0



849EF0



BF8EDB

Triad

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



849EF0



E58968



37B58B

Complementary

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



849EF0



F0D684

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.



77AF66



849EF0



CB9851

Square

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



849EF0



EF808D



A5A54F



00B6B5

Rectangle

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



849EF0



DA85C4



A5A54F



51B37D

Sweetspot

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



849EF0



DBE4FF



84F0D5



6A6F80



000000



808080

Same Dimension

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



849EF0



7596FF



9F84F0



6C6F78



002CB8



000E38

Inverse Universe

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



F0849E



FF7596



D5F084



786C6F



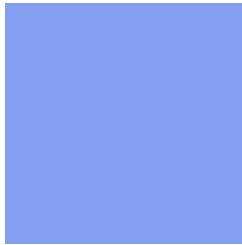
B8002C



38000E

Previews

White Background



This preview shows how the Hex color 849EF0 looks on a white background.

Color Contrast Check

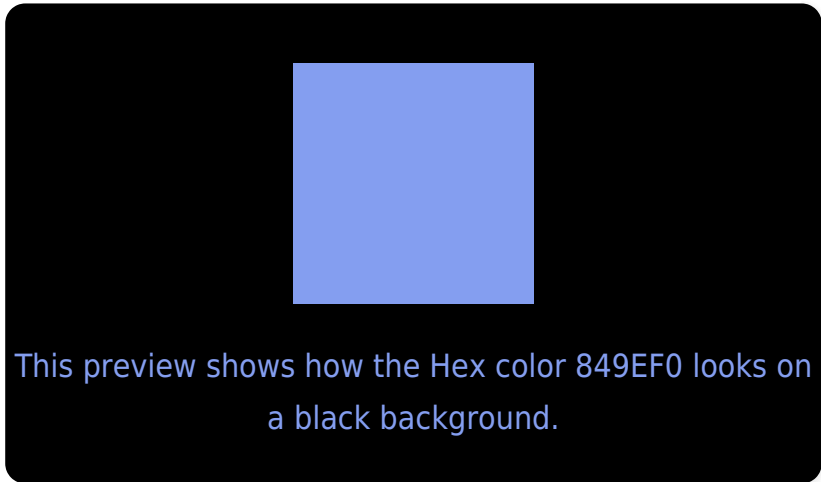
Large Text (above 18pt) WCAG AA × Fail

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

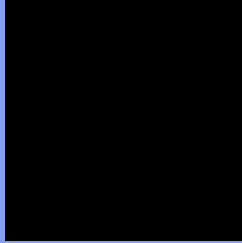
Any Text WCAG AA ✓ Pass

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 849EF0 Background



This preview shows how black text looks on a background with the Hex color 849EF0.



This preview shows how white text looks on a background with the Hex color 849EF0.

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](#).

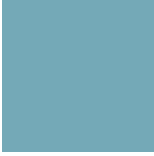
Dichromacy



Original Color
849EF0

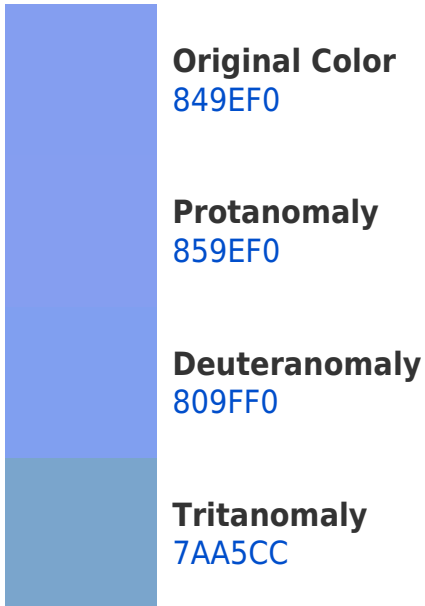
Protanopia
859EF0

Deuteranopia
7DA0F0

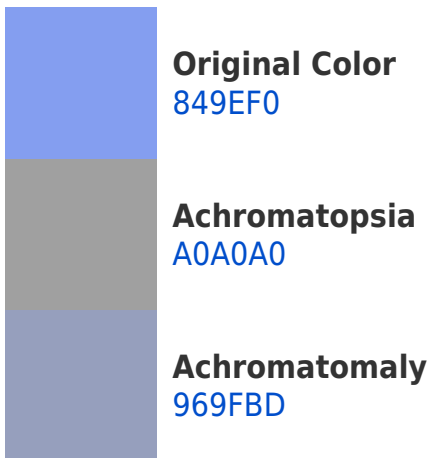


Tritanopia
74A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849EF0 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 #849EF0 looks like.

```
.text, #text, p{  
    color:#849EF0  
}
```

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 #849EF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849EF0
}
```

Border

The CSS property to change the border of an element to Hex 849EF0 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
#849EF0 }
```

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

```
.border{ border-color:#849EF0 }
```

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

Here you see how a box with a 4 pixel #849EF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849EF0; -webkit-box-shadow:4px 4px  
4px 4px #849EF0; box-shadow:4px 4px 4px  
4px #849EF0 }
```

Background

The CSS property to change the background color of an element to Hex 849EF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849EF0 }
```

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

```
.background{ background-color:#849EF0 }
```

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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