

Converting Colors

Hex(849FC3)

Have a look what the booklet for
Hex(849FC3) contains.

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Color

Hex(849FC3)

Conversions

Conversions Part 1

Format	Color
Hex	849FC3
RGB	132, 159, 195
RGB Percent	52%, 62%, 76%
CMY	0.4824, 0.3765, 0.2353
CMYK	0.32, 0.18, 0.00, 0.24
HSL	214°, 34%, 64%
HSV	214°, 32%, 76%
XYZ	31.7642, 33.6419, 56.4492
YIQ	155.0310, -27.6480, 5.4720

Conversions

Conversions Part 2

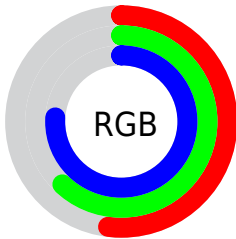
Format	Color
R_{YB}	132, 151, 195
Decimal	8691651
CIE _{Lab}	64.68, -0.77, -21.57
CIE _{LCh}	65, 21.583, 267.960
Yxy	33.6419, 0.2607, 0.2761
Android (android.graphics.Color)	4286881731 (0xFF849FC3)
YUV	155.0310, 19.7047, -20.1982
Hunter-Lab	58.0017, -3.7487, -17.1018

Details

The Hex color **849FC3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C3A884**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BAD6FC**, and **506C8D** is the 20% darker color. If you saturate the color by 10%, you get **7194C3**, and if you desaturate by 10%, it is **98AAC3**.

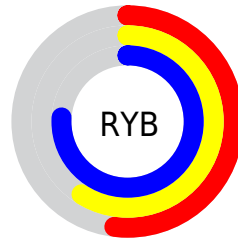
Distribution



Red (52%)

Green (62%)

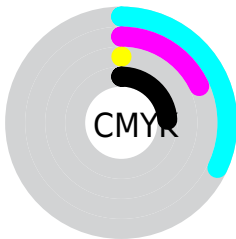
Blue (76%)



Red (52%)

Yellow (59%)

Blue (76%)

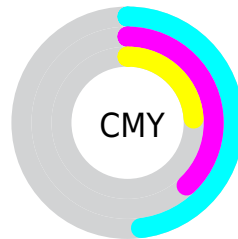


Cyan (32%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (48%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849FC3 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 849FC3 by changing the saturation by 10% instead.



849FC3



849FC3

FFFFFF



6A85A8



BAD6FC



506C8D



D7F2FF



375474



F3FFFF



1D3D5B



002743



00122D



000118



000000



849FC3



849FC3

7194C3

98AAC3

5D89C3

ABB5C3

4A7EC3

BFC0C3

3672C3

D2CCC3

2367C3

E6D7C3

0F5CC3

F9E2C3

0054C3

FFEDC3

FFF8C3

FFFFC3

Harmonies

Analogous

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



6EA4BD



849FC3



9E98BF

Triad

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



849FC3



C4908C



82A688

Complementary

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



849FC3



C3A884

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.



98A17B



849FC3



BC957D

Square

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



849FC3



C28F9F



AD9B77



6FA89B

Rectangle

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



849FC3



AE94B7



AD9B77



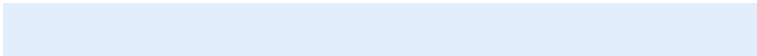
89A483

Sweetspot

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



849FC3



E3EEFC



84C3A8



707780



000000



808080

Same Dimension

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



849FC3



9AC4FC



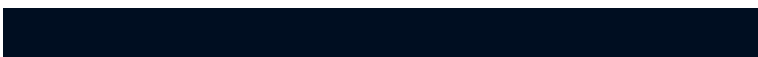
8884C3



575B61



0045A1



000E21

Inverse Universe

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



C3849F



FC9AC4



BFC384



61575B



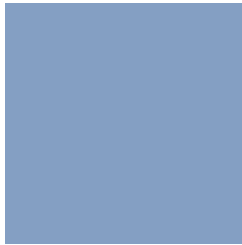
A10045



21000E

Previews

White Background



This preview shows how the Hex color 849FC3 looks on a white background.

Color Contrast Check

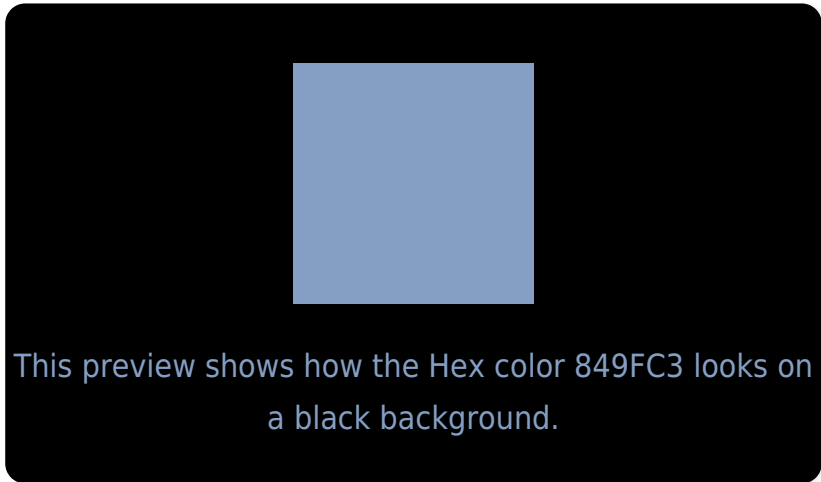
Large Text (above 18pt) WCAG AA × Fail

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

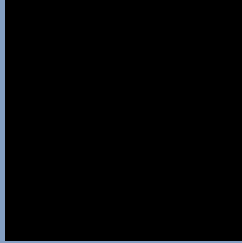
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

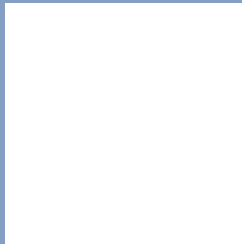
Any Text WCAG AAA ✓ Pass

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

Hex 849FC3 Background



This preview shows how black text looks on a background with the Hex color 849FC3.



This preview shows how white text looks on a background with the Hex color 849FC3.

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](#).

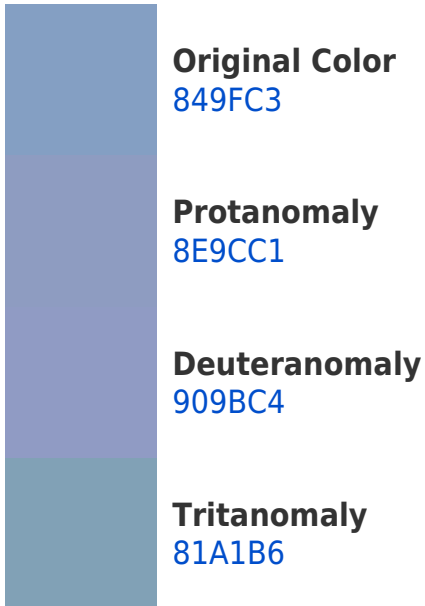
Dichromacy



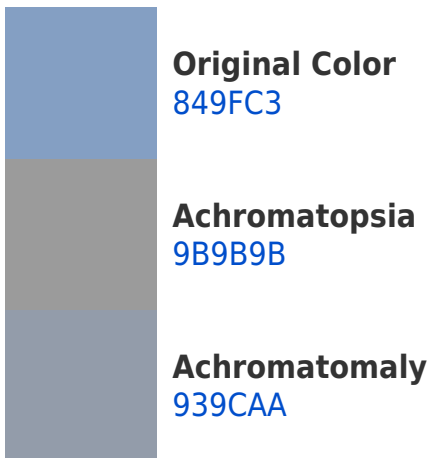


Tritanopia
80A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849FC3 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 #849FC3 looks like.

```
.text, #text, p{  
    color:#849FC3  
}
```

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 #849FC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849FC3
}
```

Border

The CSS property to change the border of an element to Hex 849FC3 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
#849FC3 }
```

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

```
.border{ border-color:#849FC3 }
```

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

Here you see how a box with a 4 pixel #849FC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849FC3; -webkit-box-shadow:4px 4px  
4px 4px #849FC3; box-shadow:4px 4px 4px  
4px #849FC3 }
```

Background

The CSS property to change the background color of an element to Hex 849FC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849FC3 }
```

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

```
.background{ background-color:#849FC3 }
```

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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