

Converting Colors

Hex(849FB0)

Have a look what the booklet for
Hex(849FB0) contains.

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Color

Hex(849FB0)

Conversions

Conversions Part 1

Format	Color
Hex	849FB0
RGB	132, 159, 176
RGB Percent	52%, 62%, 69%
CMY	0.4824, 0.3765, 0.3098
CMYK	0.25, 0.10, 0.00, 0.31
HSL	203°, 22%, 60%
HSV	203°, 25%, 69%
XYZ	29.7503, 32.8364, 45.8443
YIQ	152.8650, -21.5490, -0.4370

Conversions

Conversions Part 2

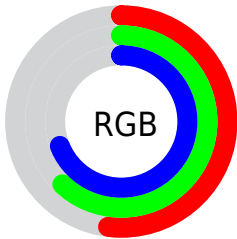
Format	Color
RYB	132, 149, 176
Decimal	8691632
CIELab	64.03, -5.46, -11.92
CIElCh	64, 13.114, 245.377
Yxy	32.8364, 0.2744, 0.3028
Android (android.graphics.Color)	4286881712 (0xFF849FB0)
YUV	152.8650, 11.4056, -18.2986
Hunter-Lab	57.3031, -7.6075, -7.3218

Details

The Hex color **849FB0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B09584**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BAD6E8**, and **516C7B** is the 20% darker color. If you saturate the color by 10%, you get **7298B0**, and if you desaturate by 10%, it is **96A6B0**.

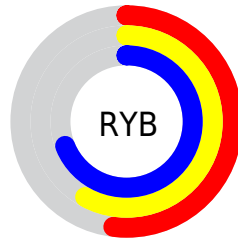
Distribution



Red (52%)

Green (62%)

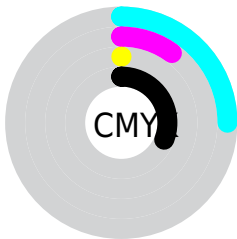
Blue (69%)



Red (52%)

Yellow (58%)

Blue (69%)

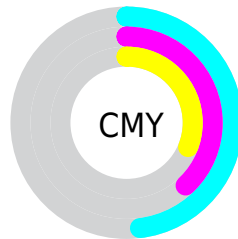


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849FB0 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 849FB0 by changing the saturation by 10% instead.



849FB0



849FB0

FFFFFF



6A8595



BAD6E8



516C7B



D6F2FF



395363



F2FFFF



223C4B



092734



00121F



000004



000000



849FB0



849FB0

7298B0

96A6B0

6191B0

A7ADB0

4F8BB0

B9B3B0

3E84B0

CABAB0

2C7DB0

DCC1B0

1A76B0

EEC8B0

096FB0

FFCFB0

006CB0

FFD5B0

FFDCB0

Harmonies

Analogous

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



7DA1A8



849FB0



919BB2

Triad

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



849FB0



B39399



959F88

Complementary

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



849FB0



B09584

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.



A29B84



849FB0



B3948E

Square

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



849FB0



AC94A5



AD9786



88A191

Rectangle

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



849FB0



9B99B0



AD9786



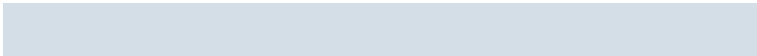
9A9D86

Sweetspot

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



849FB0



D3DEE6



84B095



676E73



F2F2F2



737373

Same Dimension

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



849FB0



A1CBE6



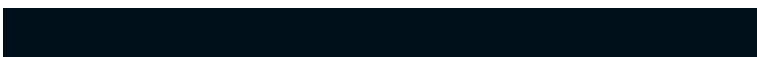
8489B0



505659



005E99



00101A

Inverse Universe

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



B0849F



E6A1CB



B0AB84



595056



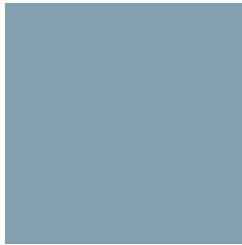
99005E



1A0010

Previews

White Background



This preview shows how the Hex color 849FB0 looks on a white background.

Color Contrast Check

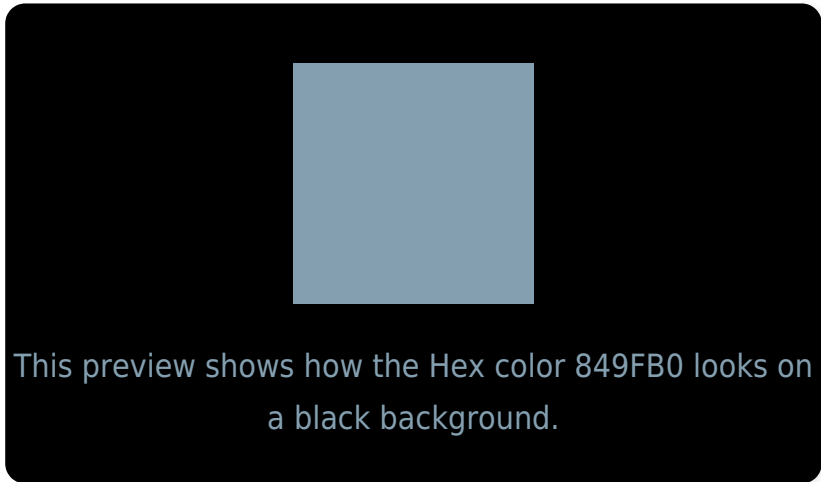
Large Text (above 18pt) WCAG AA × Fail

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

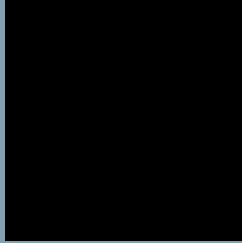
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

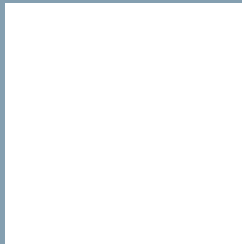
Any Text WCAG AAA ✓ Pass

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

Hex 849FB0 Background



This preview shows how black text looks on a background with the Hex color 849FB0.

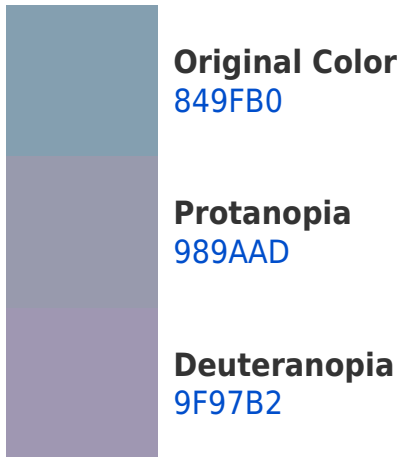


This preview shows how white text looks on a background with the Hex color 849FB0.

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](#).

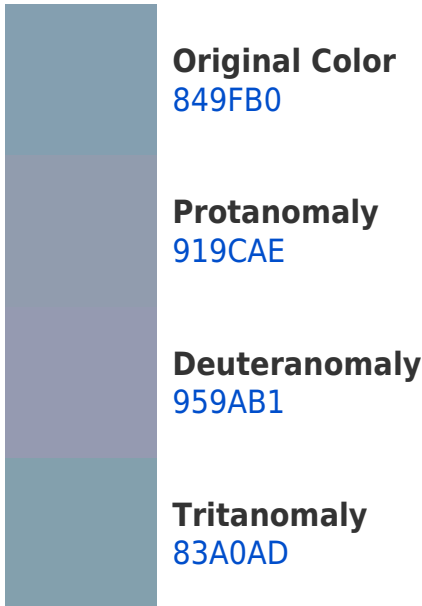
Dichromacy



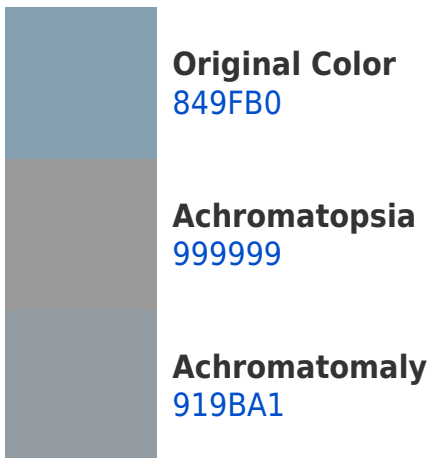


Tritanopia
83A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849FB0 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 #849FB0 looks like.

```
.text, #text, p{  
    color:#849FB0  
}
```

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 #849FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849FB0
}
```

Border

The CSS property to change the border of an element to Hex 849FB0 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
#849FB0 }
```

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

```
.border{ border-color:#849FB0 }
```

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

Here you see how a box with a 4 pixel #849FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849FB0; -webkit-box-shadow:4px 4px  
4px 4px #849FB0; box-shadow:4px 4px 4px  
4px #849FB0 }
```

Background

The CSS property to change the background color of an element to Hex 849FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849FB0 }
```

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

```
.background{ background-color:#849FB0 }
```

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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