

Converting Colors

Hex(849CB4)

Have a look what the booklet for
Hex(849CB4) contains.

Hex(849CB4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(849CB4)

Conversions

Conversions Part 1

Format	Color
Hex	849CB4
RGB	132, 156, 180
RGB Percent	52%, 61%, 71%
CMY	0.4824, 0.3882, 0.2941
CMYK	0.27, 0.13, 0.00, 0.29
HSL	210°, 24%, 61%
HSV	210°, 27%, 71%
XYZ	29.6424, 31.9778, 47.7900
YIQ	151.5600, -22.0080, 2.3760

Conversions

Conversions Part 2

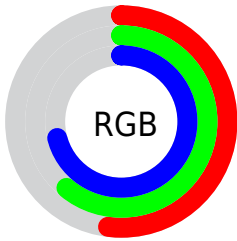
Format	Color
RYB	132, 148, 180
Decimal	8690868
CIELab	63.32, -2.84, -15.23
CIELCh	63, 15.489, 259.429
Yxy	31.9778, 0.2709, 0.2923
Android (android.graphics.Color)	4286880948 (0xFF849CB4)
YUV	151.5600, 14.0209, -17.1541
Hunter-Lab	56.5489, -5.3925, -10.5224

Details

The Hex color **849CB4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B49C84**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BAD2EC**, and **51697F** is the 20% darker color. If you saturate the color by 10%, you get **7293B4**, and if you desaturate by 10%, it is **96A5B4**.

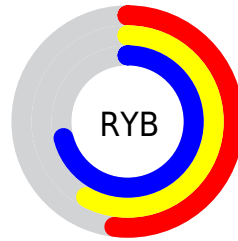
Distribution



Red (52%)

Green (61%)

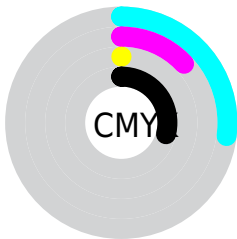
Blue (71%)



Red (52%)

Yellow (58%)

Blue (71%)

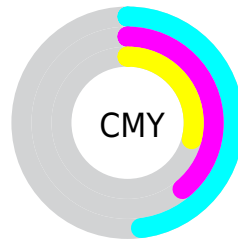


Cyan (27%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849CB4 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 849CB4 by changing the saturation by 10% instead.

■ 849CB4

■ 849CB4

FFFFFF

■ 6A8299

■ BAD2EC

■ 51697F

■ D6EFFF

■ 395166

■ F2FFFF

■ 213A4E

■ 082437

■ 000F22

■ 000009

■ 000000

■ 849CB4

■ 849CB4

7293B4

96A5B4

608AB4

A8AEB4

4E81B4

BAB7B4

3C78B4

CCC0B4

2A6FB4

DEC9B4

1866B4

F0D2B4

065DB4

FFDBB4

005AB4

FFE4B4

FFEDB4

Harmonies

Analogous

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



78A0AE



849CB4



9697B3

Triad

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



849CB4



B69091



8B9F87

Complementary

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



849CB4



B49C84

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.



9B9B7F



849CB4



B39285

Square

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



849CB4



B2909F



A9977E



7DA194

Rectangle

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



849CB4



A194AF



A9977E



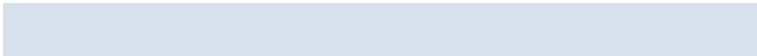
909E84

Sweetspot

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



849CB4



D8E1EB



84B49C



6A6F75



F5F5F5



757575

Same Dimension

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



849CB4



A0C5EB



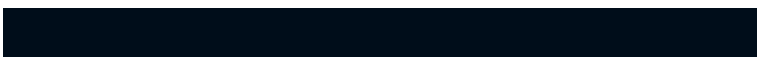
8484B4



505559



004D99



000D1A

Inverse Universe

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



B4849C



EBA0C5



B4B484



595055



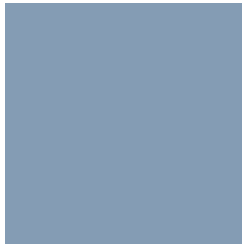
99004D



1A000D

Previews

White Background



This preview shows how the Hex color 849CB4 looks on a white background.

Color Contrast Check

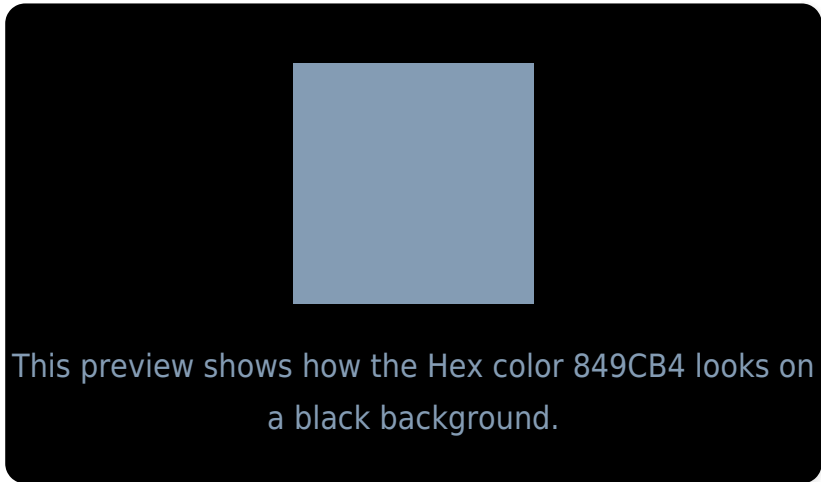
Large Text (above 18pt) WCAG AA × Fail

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

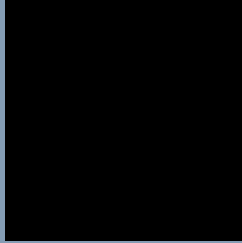
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

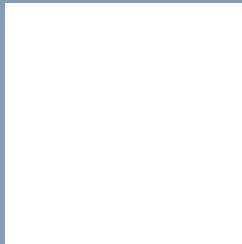
Any Text WCAG AAA ✓ Pass

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

Hex 849CB4 Background



This preview shows how black text looks on a background with the Hex color 849CB4.



This preview shows how white text looks on a background with the Hex color 849CB4.

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](#).

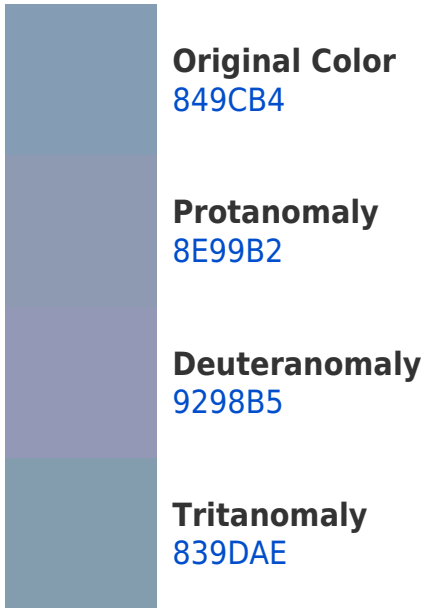
Dichromacy



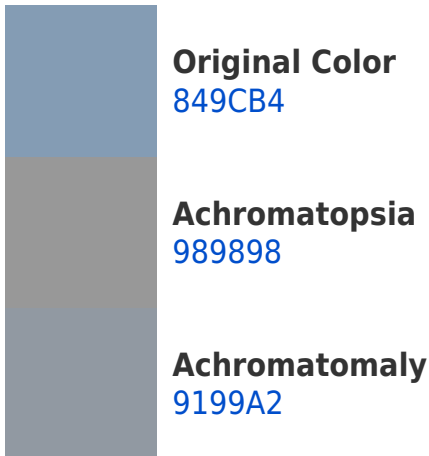


Tritanopia
829EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849CB4 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 #849CB4 looks like.

```
.text, #text, p{  
    color:#849CB4  
}
```

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 #849CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849CB4
}
```

Border

The CSS property to change the border of an element to Hex 849CB4 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
#849CB4 }
```

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

```
.border{ border-color:#849CB4 }
```

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

Here you see how a box with a 4 pixel #849CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849CB4; -webkit-box-shadow:4px 4px  
4px 4px #849CB4; box-shadow:4px 4px 4px  
4px #849CB4 }
```

Background

The CSS property to change the background color of an element to Hex 849CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849CB4 }
```

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

```
.background{ background-color:#849CB4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor