

Converting Colors

Hex(849BC2)

Have a look what the booklet for
Hex(849BC2) contains.

Hex(849BC2)	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(849BC2)

Conversions

Conversions Part 1

Format	Color
Hex	849BC2
RGB	132, 155, 194
RGB Percent	52%, 61%, 76%
CMY	0.4824, 0.3922, 0.2392
CMYK	0.32, 0.20, 0.00, 0.24
HSL	218°, 34%, 64%
HSV	218°, 32%, 76%
XYZ	30.9747, 32.2433, 55.6300
YIQ	152.5690, -26.2270, 7.2530

Conversions

Conversions Part 2

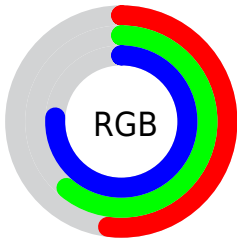
Format	Color
R _Y B	132, 149, 194
Decimal	8690626
CIE Lab	63.54, 1.22, -22.74
CIE LCh	64, 22.776, 273.072
Yxy	32.2433, 0.2606, 0.2713
Android (android.graphics.Color)	4286880706 (0xFF849BC2)
YUV	152.5690, 20.4255, -18.0390
Hunter-Lab	56.7832, -2.0005, -18.3377

Details

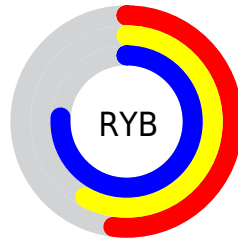
The Hex color **849BC2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C2AB84**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **BAD1FB**, and **50688C** is the 20% darker color. If you saturate the color by 10%, you get **718FC2**, and if you desaturate by 10%, it is **97A7C2**.

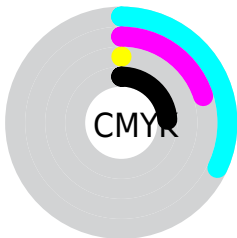
Distribution



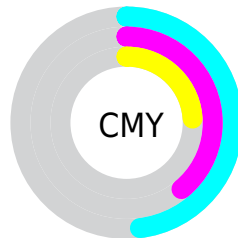
- Red (52%)
- Green (61%)
- Blue (76%)



- Red (52%)
- Yellow (58%)
- Blue (76%)



- Cyan (32%)
- Magenta (20%)
- Yellow (0%)
- Black (24%)



- Cyan (48%)
- Magenta (39%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849BC2 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 849BC2 by changing the saturation by 10% instead.



849BC2



849BC2

FFFFFF



6A81A7



BAD1FB



50688C



D7EEFF



375073



F3FFFF



1E395A



002442



000E2C



000117



000000



849BC2



849BC2

718FC2

97A7C2

5D83C2

ABB3C2

4A76C2

BEC0C2

366AC2

D2CCC2

235EC2

E5D8C2

1052C2

F8E4C2

0048C2

FFF0C2

FFFDC2

FFFFC2

Harmonies

Analogous

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



6BA1BD



849BC2



A094BC

Triad

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



849BC2



C28D85



79A487

Complementary

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



849BC2



C2AB84

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.



919F78



849BC2



B89276

Square

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



849BC2



C28B98



A79971



66A59B

Rectangle

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



849BC2



AF90B2



A79971



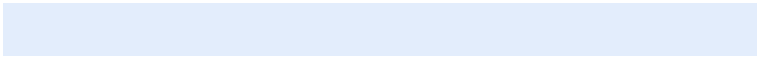
81A281

Sweetspot

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



849BC2



E3EDFC



84C2AA



707680



000000



808080

Same Dimension

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



849BC2



9DC0FC



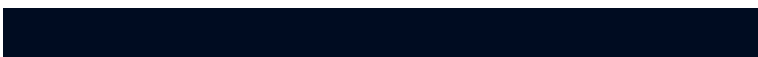
8B84C2



575B61



003CA1



000C21

Inverse Universe

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



C2849B



FC9DC0



BBC284



61575B



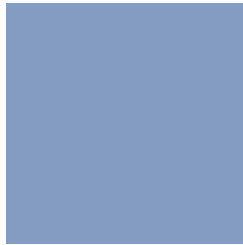
A1003C



21000C

Previews

White Background



This preview shows how the Hex color 849BC2 looks on a white background.

Color Contrast Check

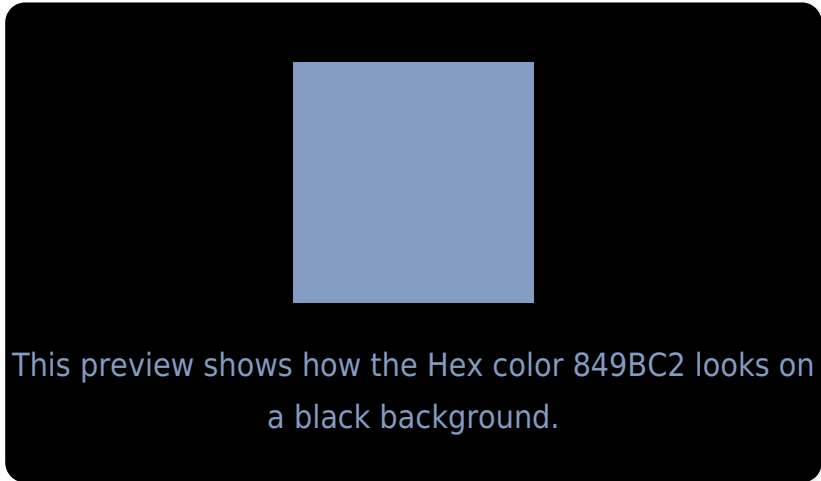
Large Text (above 18pt) WCAG AA × Fail

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

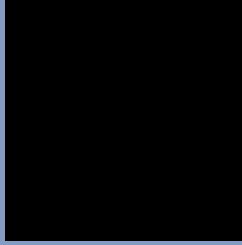
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

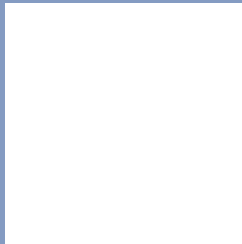
Any Text WCAG AAA ✓ Pass

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

Hex 849BC2 Background



This preview shows how black text looks on a background with the Hex color 849BC2.

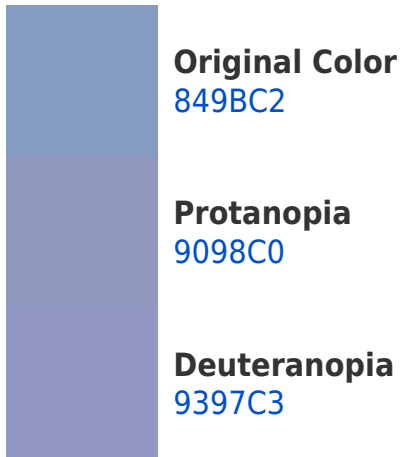


This preview shows how white text looks on a background with the Hex color 849BC2.

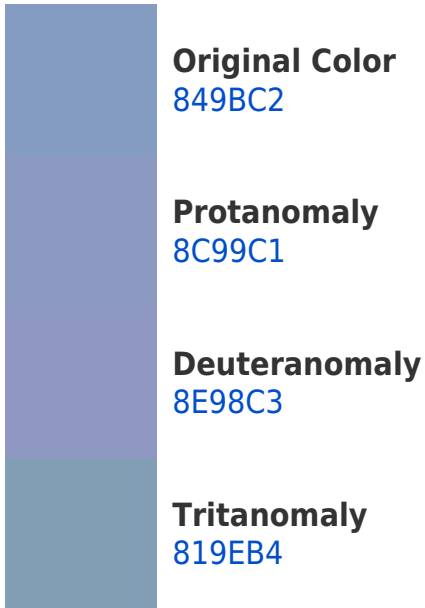
Color Blindness Simulation

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](#).

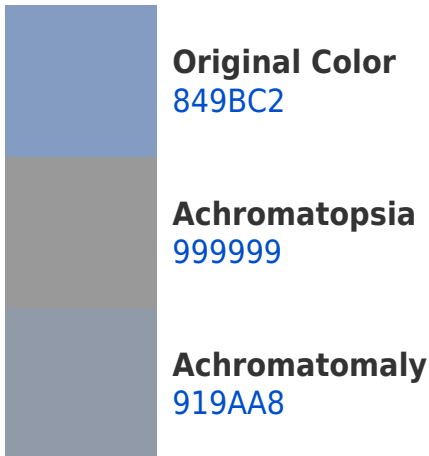
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849BC2 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 #849BC2 looks like.

```
.text, #text, p{  
    color:#849BC2  
}
```

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 #849BC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849BC2
}
```

Border

The CSS property to change the border of an element to Hex 849BC2 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
#849BC2 }
```

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

```
.border{ border-color:#849BC2 }
```

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

Here you see how a box with a 4 pixel #849BC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849BC2; -webkit-box-shadow:4px 4px  
4px 4px #849BC2; box-shadow:4px 4px 4px  
4px #849BC2 }
```

Background

The CSS property to change the background color of an element to Hex 849BC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849BC2 }
```

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

```
.background{ background-color:#849BC2 }
```

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