

# Converting Colors

Hex(849BD4)

Have a look what the booklet for  
Hex(849BD4) contains.

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# **Color**

**Hex(849BD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	849BD4
RGB	132, 155, 212
RGB Percent	52%, 61%, 83%
CMY	0.4824, 0.3922, 0.1686
CMYK	0.38, 0.27, 0.00, 0.17
HSL	223°, 48%, 67%
HSV	223°, 38%, 83%
XYZ	33.1207, 33.1017, 66.9310
YIQ	154.6210, -32.0050, 12.8510

# Conversions

## Conversions Part 2

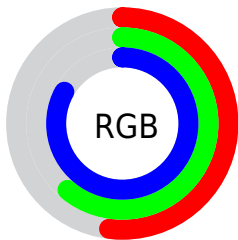
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 150, 212
Decimal	8690644
CIE <sub>Lab</sub>	64.24, 5.97, -31.70
CIE <sub>LCh</sub>	64, 32.261, 280.671
Yxy	33.1017, 0.2487, 0.2486
Android (android.graphics.Color)	4286880724 (0xFF849BD4)
YUV	154.6210, 28.2878, -19.8386
Hunter-Lab	57.5341, 2.0728, -28.6998

# Details

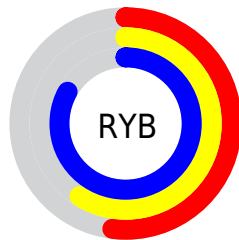
The Hex color **849BD4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D4BD84**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BBD1FF**, and **4F689D** is the 20% darker color. If you saturate the color by 10%, you get **6F8CD4**, and if you desaturate by 10%, it is **99AAD4**.

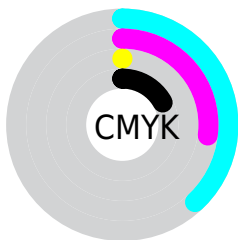
# Distribution



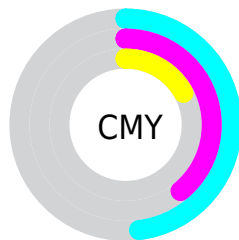
- Red (52%)
- Green (61%)
- Blue (83%)



- Red (52%)
- Yellow (59%)
- Blue (83%)



- Cyan (38%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)



- Cyan (48%)
- Magenta (39%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 849BD4 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 849BD4 by changing the saturation by 10% instead.



■ 849BD4

■ 849BD4

FFFFFF

■ 6981B8

■ BBD1FF

■ 4F689D

■ D8EEFF

■ 345083

■ F5FFFF

■ 163969

■ 002451

■ 000F3A

■ 000224

■ 00000B

■ 000000

■ 849BD4

■ 849BD4

■ 6F8CD4

■ 99AAD4

■ 5A7DD4

■ AEB9D4

■ 446ED4

■ C4C8D4

■ 2F5FD4

■ D9D7D4

■ 1A4FD4

■ EEE7D4

■ 0540D4

■ FFF6D4

■ 003DD4

■ FFFFD4

# Harmonies

## Analogous

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



56A4D1



849BD4



AD91C8

# Triad

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



849BD4



D08A78



62AA88

# Complementary

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



849BD4



D4BD84

# 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.



85A56F



849BD4



BF9466

# Square

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



849BD4



D48692



A59D63



40ABA5

# Rectangle

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



849BD4



C18BB8



A59D63



6EA97F



# Sweetspot

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



849BD4



E3EBFF



84D4BC



6F7480



000000



808080



# Same Dimension

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



849BD4



8CADFF



9484D4



60636B



0031AB



000C2B



# Inverse Universe

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



D4849B



FF8CAD



C4D484



6B6063



AB0031

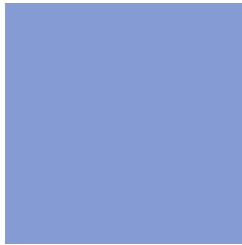


2B000C



# Previews

## White Background



This preview shows how the Hex color 849BD4 looks on a white background.

## Color Contrast Check

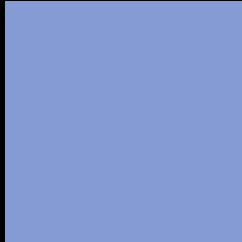
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 849BD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

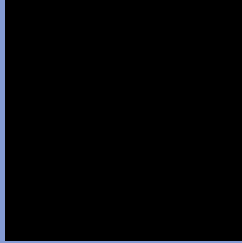
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 849BD4 Background



This preview shows how black text looks on a background with the Hex color 849BD4.



This preview shows how white text looks on a background with the Hex color 849BD4.

# 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**  
849BD4

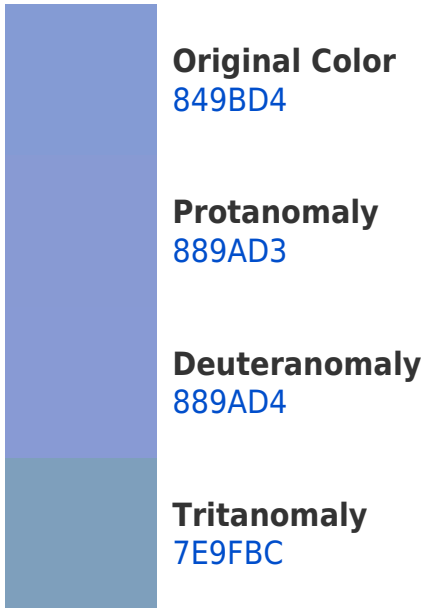
**Protanopia**  
8B99D3

**Deuteranopia**  
8A99D4

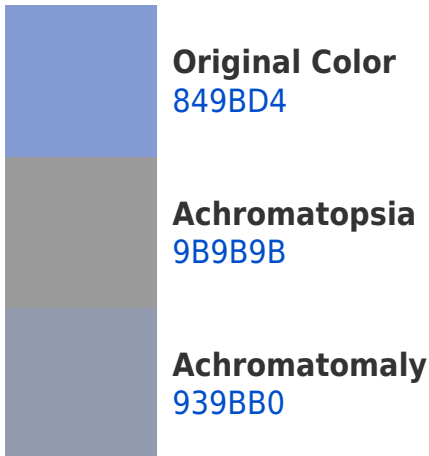


**Tritanopia**  
7BA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 849BD4 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 #849BD4 looks like.

```
.text, #text, p{  
    color:#849BD4  
}
```

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 #849BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849BD4
}
```

## Border

The CSS property to change the border of an element to Hex 849BD4 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
#849BD4 }
```

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

```
.border{ border-color:#849BD4 }
```

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

Here you see how a box with a 4 pixel #849BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849BD4; -webkit-box-shadow:4px 4px  
4px 4px #849BD4; box-shadow:4px 4px 4px  
4px #849BD4 }
```

# Background

The CSS property to change the background color of an element to Hex 849BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849BD4 }
```

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

```
.background{ background-color:#849BD4 }
```

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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