

Converting Colors

Hex(849CED)

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

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Color

Hex(849CED)

Conversions

Conversions Part 1

Format	Color
Hex	849CED
RGB	132, 156, 237
RGB Percent	52%, 61%, 93%
CMY	0.4824, 0.3882, 0.0706
CMYK	0.44, 0.34, 0.00, 0.07
HSL	226°, 74%, 72%
HSV	226°, 44%, 93%
XYZ	36.6902, 34.7969, 84.9035
YIQ	158.0580, -40.3050, 20.1030

Conversions

Conversions Part 2

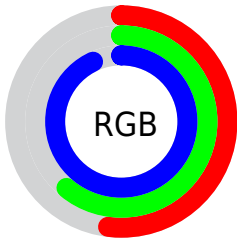
Format	Color
RYB	132, 152, 237
Decimal	8690925
CIELab	65.59, 12.38, -43.41
CIELCh	66, 45.143, 285.915
Yxy	34.7969, 0.2346, 0.2225
Android (android.graphics.Color)	4286881005 (0xFF849CED)
YUV	158.0580, 38.9184, -22.8529
Hunter-Lab	58.9889, 7.7939, -44.0446

Details

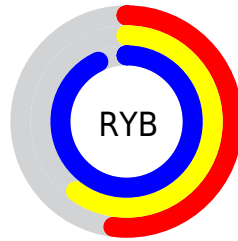
The Hex color **849CED** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EDD584**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BDD2FF**, and **4B69B5** is the 20% darker color. If you saturate the color by 10%, you get **6C8AED**, and if you desaturate by 10%, it is **9CAEED**.

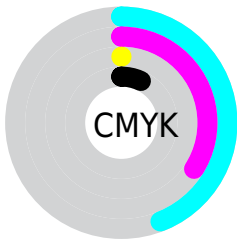
Distribution



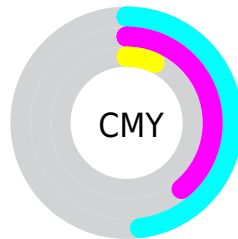
- Red (52%)
- Green (61%)
- Blue (93%)



- Red (52%)
- Yellow (60%)
- Blue (93%)



- Cyan (44%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (39%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 849CED

 849CED

FFFFFF

 6882D1

 BDD2FF

 4B69B5

 DAEFFF

 2D519A


 F8FFFF

 003B7F

 002666

 00124D

 000536

 000220

 000003

■ 849CED

■ 849CED

■ 6C8AED

■ 9CAEED

■ 5577ED

■ B3C1ED

■ 3D65ED

■ CBD3ED

■ 2553ED

■ E3E5ED

■ 0E41ED

■ FBF7ED

■ 0036ED

■ FFFFED

Harmonies

Analogous

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



1FA9ED



849CED



BE8CD8

Triad

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



849CED



E38867



36B38A

Complementary

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



849CED



EDD584

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.



75AD65



849CED



C89650

Square

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



849CED



EC7E8B



A3A44F



00B4B4

Rectangle

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



849CED



D883C1



A3A44F



4FB27D

Sweetspot

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



849CED



DEE5FF



84EDD4



6B7080



000000



808080

Same Dimension

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



849CED



7897FF



A084ED



6A6C75



0029B5



000C36

Inverse Universe

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



ED849C



FF7897



D1ED84



756A6C



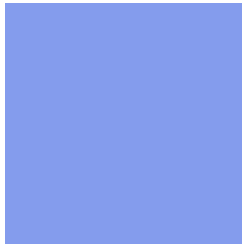
B50029



36000C

Previews

White Background



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

Color Contrast Check

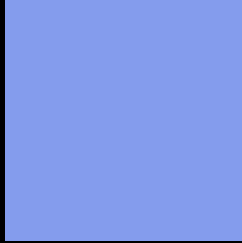
Large Text (above 18pt) WCAG AA × Fail

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 849CED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

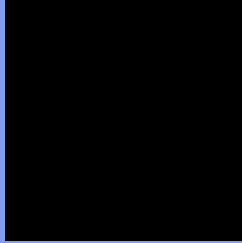
Any Text WCAG AA ✓ Pass

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 849CED Background



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



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

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
849CED

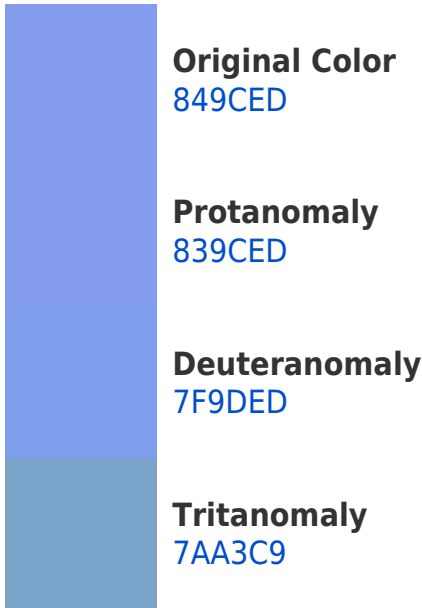
Protanopia
839CED

Deuteranopia
7C9EED

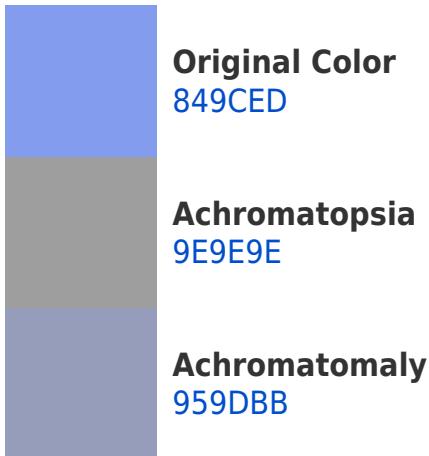


Tritanopia
75A7B5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #849CED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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