

Converting Colors

Hex(839AD0)

Have a look what the booklet for
Hex(839AD0) contains.

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Color

Hex(839AD0)

Conversions

Conversions Part 1

Format	Color
Hex	839AD0
RGB	131, 154, 208
RGB Percent	51%, 60%, 82%
CMY	0.4863, 0.3961, 0.1843
CMYK	0.37, 0.26, 0.00, 0.18
HSL	222°, 45%, 66%
HSV	222°, 37%, 82%
XYZ	32.3008, 32.4906, 64.2434
YIQ	153.2790, -31.0420, 11.9180

Conversions

Conversions Part 2

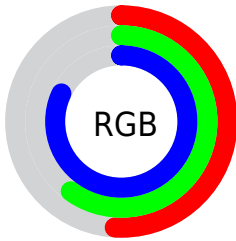
Format	Color
R_{YB}	131, 149, 208
Decimal	8624848
CIE Lab	63.75, 5.19, -30.25
CIE LCh	64, 30.694, 279.731
Yxy	32.4906, 0.2503, 0.2518
Android (android.graphics.Color)	4286814928 (0xFF839AD0)
YUV	153.2790, 26.9775, -19.5387
Hunter-Lab	57.0005, 1.4009, -26.9235

Details

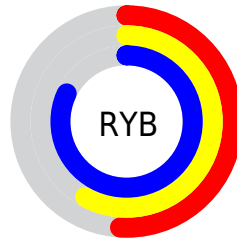
The Hex color **839AD0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D0B983**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BAD0FF**, and **4E6799** is the 20% darker color. If you saturate the color by 10%, you get **6E8BD0**, and if you desaturate by 10%, it is **98A9D0**.

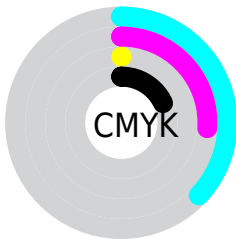
Distribution



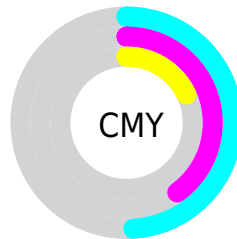
- Red (51%)
- Green (60%)
- Blue (82%)



- Red (51%)
- Yellow (58%)
- Blue (82%)



- Cyan (37%)
- Magenta (26%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 839AD0 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 839AD0 by changing the saturation by 10% instead.

 839AD0

 839AD0

FFFFFF

 6880B4

 BAD0FF

 4E6799

 D6ECFF

 344F7F


 F3FFFF

 163966

 00234E

 000E37

 000221

 000005

 000000

■ 839AD0

■ 839AD0

■ 6E8BD0

■ 98A9D0

■ 597DD0

■ ADB7D0

■ 456ED0

■ C1C6D0

■ 3060D0

■ D6D4D0

■ 1B51D0

■ EBE3D0

■ 0642D0

■ FFF2D0

■ 003ED0

■ FFFF00

Harmonies

Analogous

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



59A2CD



839AD0



A990C5

Triad

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



839AD0



CD8A79



66A887

Complementary

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



839AD0



D0B983

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.



86A370



839AD0



BD9268

Square

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



839AD0



D08692



A49C64



47A9A3

Rectangle

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



839AD0



BD8AB6



A49C64



71A77E

Sweetspot

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



839AD0



E3EBFF



83D0B9



6F7480



000000



808080

Same Dimension

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



839AD0



8FB0FF



9283D0



5E6169



0032A8



000C29

Inverse Universe

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



D0839A



FF8FB0



C1D083



695E61



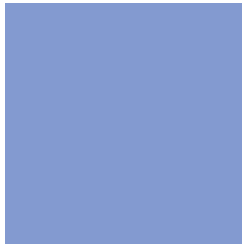
A80032



29000C

Previews

White Background



This preview shows how the Hex color 839AD0 looks on a white background.

Color Contrast Check

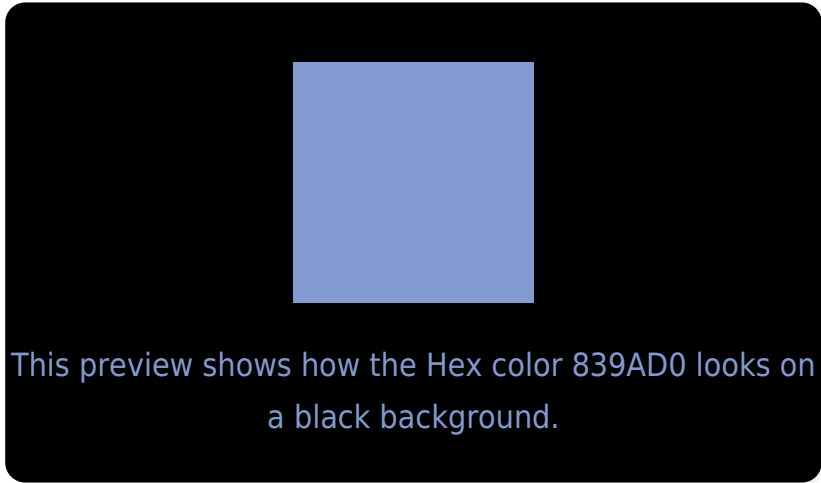
Large Text (above 18pt) WCAG AA × Fail

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

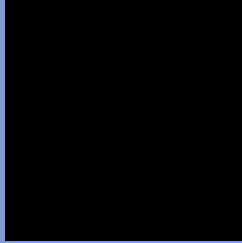
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

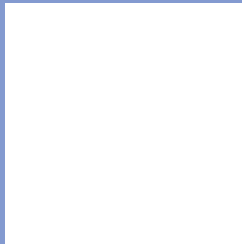
Any Text WCAG AAA ✓ Pass

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

Hex 839AD0 Background



This preview shows how black text looks on a background with the Hex color 839AD0.



This preview shows how white text looks on a background with the Hex color 839AD0.

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

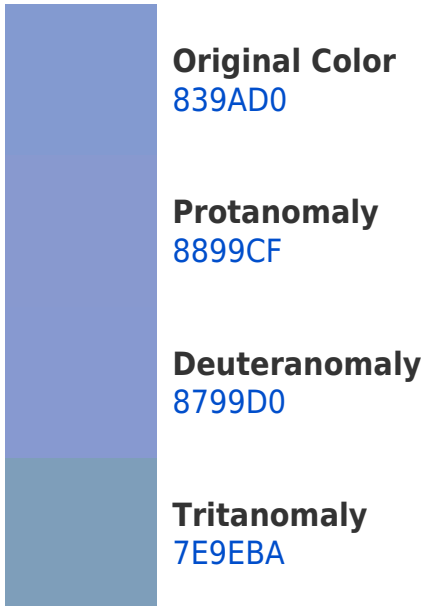


Original Color
839AD0

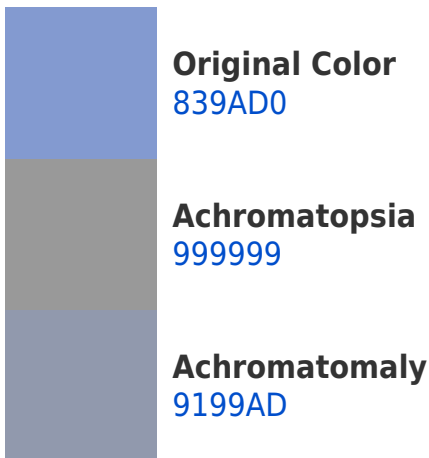
Protanopia
8B98CF

Deuteranopia
8A98D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 839AD0 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 #839AD0 looks like.

```
.text, #text, p{  
    color:#839AD0  
}
```

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 #839AD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839AD0  
}
```

Border

The CSS property to change the border of an element to Hex 839AD0 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  
#839AD0 }
```

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

```
.border{ border-color:#839AD0 }
```

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

Here you see how a box with a 4 pixel #839AD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839AD0; -webkit-box-shadow:4px 4px  
4px 4px #839AD0; box-shadow:4px 4px 4px  
4px #839AD0 }
```

Background

The CSS property to change the background color of an element to Hex 839AD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839AD0 }
```

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

```
.background{ background-color:#839AD0 }
```

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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