

# Converting Colors

Hex(848ACA)

Have a look what the booklet for  
Hex(848ACA) contains.

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# **Color**

**Hex(848ACA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	848ACA
RGB	132, 138, 202
RGB Percent	52%, 54%, 79%
CMY	0.4824, 0.4588, 0.2078
CMYK	0.35, 0.32, 0.00, 0.21
HSL	235°, 40%, 65%
HSV	235°, 35%, 79%
XYZ	29.2649, 27.3468, 59.6131
YIQ	143.5020, -24.1200, 18.6320

# Conversions

## Conversions Part 2

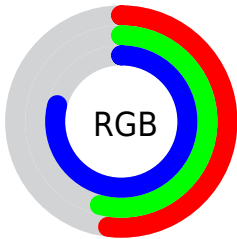
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 138, 202
Decimal	8686282
CIE <sub>Lab</sub>	59.29, 13.09, -33.80
CIE <sub>LCh</sub>	59, 36.243, 291.165
Yxy	27.3468, 0.2518, 0.2353
Android (android.graphics.Color)	4286876362 (0xFF848ACA)
YUV	143.5020, 28.8395, -10.0873
Hunter-Lab	52.2941, 8.3775, -30.9823

# Details

The Hex color **848ACA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CAC484**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BBBFFF**, and **4F5894** is the 20% darker color. If you saturate the color by 10%, you get **7078CA**, and if you desaturate by 10%, it is **989CCA**.

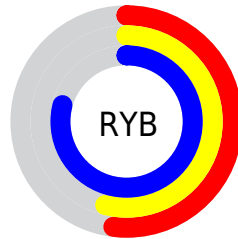
# Distribution



Red (52%)

Green (54%)

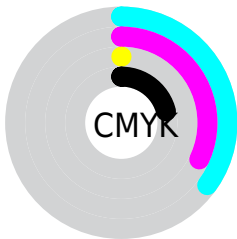
Blue (79%)



Red (52%)

Yellow (54%)

Blue (79%)

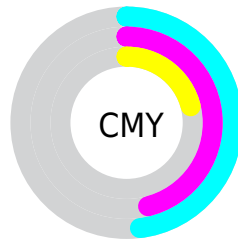


Cyan (35%)

Magenta (32%)

Yellow (0%)

Black (21%)



Cyan (48%)

Magenta (46%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848ACA 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 848ACA by changing the saturation by 10% instead.



■ 848ACA

■ 848ACA

FFFFFF

■ 6971AE

■ BBBFFF

■ 4F5894

■ D7DBFF

■ 35417A

■ F4F8FF

■ 1A2B60

■ 001748

■ 000032

■ 00011C

■ 000000

■ 848ACA

■ 848ACA

7078CA

989CCA

5C65CA

ACAFCA

4753CA

C1C1CA

3340CA

D5D4CA

1F2ECA

E9E6CA

0B1BCA

FDF9CA

0011CA

FFFFCA

# Harmonies

## Analogous

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



4B95CD



848ACA



AD7EB7

# Triad

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



848ACA



C27E5E



3A9F84

# Complementary

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



848ACA



CAC484

# 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.



689B66



848ACA



AB8A4F

# Square

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



848ACA



CC7779



8C9452



009FA5

# Rectangle

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



848ACA



C078A4



8C9452



4B9E79



# Sweetspot

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



848ACA



E6E8FF



84CAC3



707280



000000



808080



# Same Dimension

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



848ACA



949DFF



A084CA



5C5D66



000EA6



000326



# Inverse Universe

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



CA848A



FF949D



AECA84



665C5D



A6000E

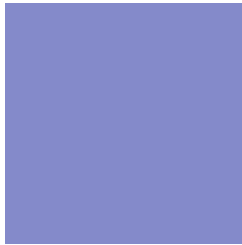


260003



# Previews

## White Background



This preview shows how the Hex color 848ACA looks on a white background.

## Color Contrast Check

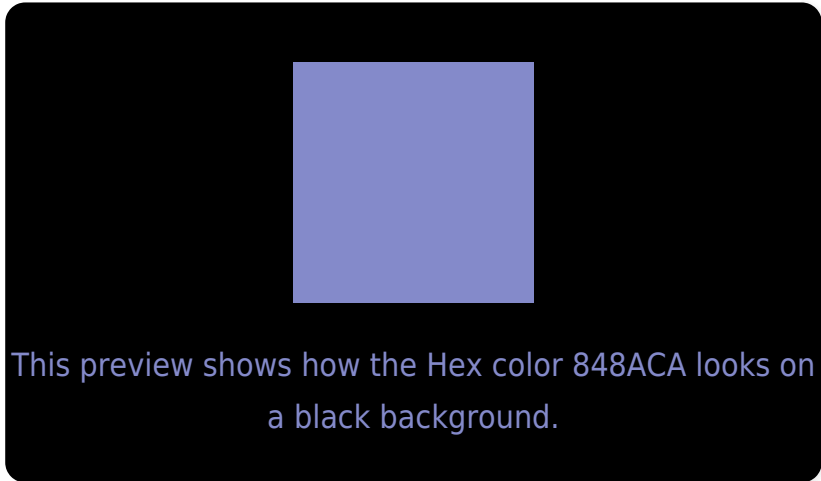
Large Text (above 18pt) WCAG AA ✓ Pass

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

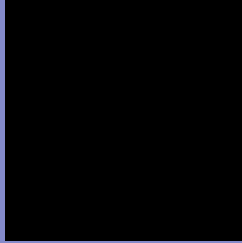
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 848ACA Background



This preview shows how black text looks on a background with the Hex color 848ACA.



This preview shows how white text looks on a background with the Hex color 848ACA.

# 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**  
848ACA

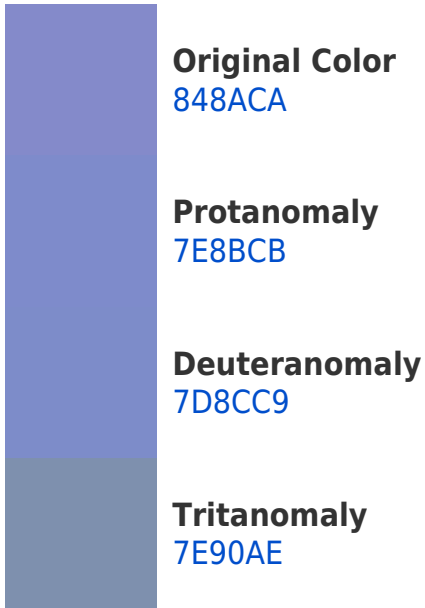
**Protanopia**  
7A8CCC

**Deuteranopia**  
798DC9

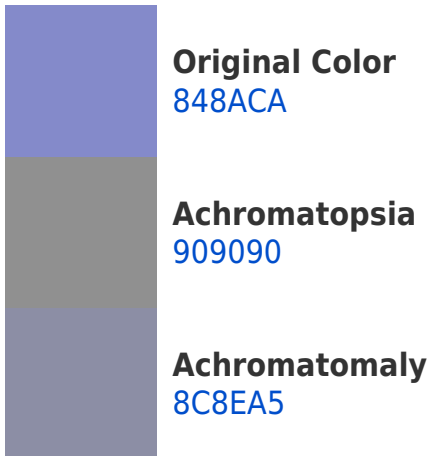


**Tritanopia**  
7A939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848ACA 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 #848ACA looks like.

```
.text, #text, p{  
    color:#848ACA  
}
```

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 #848ACA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848ACA
}
```

## Border

The CSS property to change the border of an element to Hex 848ACA 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
#848ACA }
```

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

```
.border{ border-color:#848ACA }
```

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

Here you see how a box with a 4 pixel #848ACA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848ACA; -webkit-box-shadow:4px 4px  
4px 4px #848ACA; box-shadow:4px 4px 4px  
4px #848ACA }
```

# Background

The CSS property to change the background color of an element to Hex 848ACA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848ACA }
```

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

```
.background{ background-color:#848ACA }
```

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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