

Converting Colors

Hex(849CA3)

Have a look what the booklet for
Hex(849CA3) contains.

Hex(849CA3)	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(849CA3)

Conversions

Conversions Part 1

Format	Color
Hex	849CA3
RGB	132, 156, 163
RGB Percent	52%, 61%, 64%
CMY	0.4824, 0.3882, 0.3608
CMYK	0.19, 0.04, 0.00, 0.36
HSL	194°, 14%, 58%
HSV	194°, 19%, 64%
XYZ	28.0150, 31.3268, 39.2205
YIQ	149.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

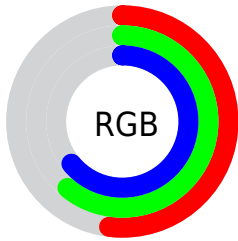
Format	Color
R_{YB}	132, 146, 163
Decimal	8690851
CIE _{Lab}	62.78, -6.83, -6.47
CIE _{LCh}	63, 9.407, 223.464
Yxy	31.3268, 0.2842, 0.3178
Android (android.graphics.Color)	4286880931 (0xFF849CA3)
YUV	149.6220, 6.5954, -15.4545
Hunter-Lab	55.9704, -8.6029, -2.3674

Details

The Hex color **849CA3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A38B84**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B9D2DA**, and **52696F** is the 20% darker color. If you saturate the color by 10%, you get **7498A3**, and if you desaturate by 10%, it is **94A0A3**.

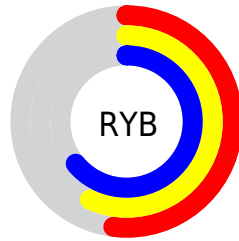
Distribution



Red (52%)

Green (61%)

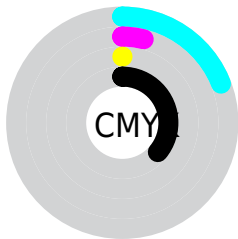
Blue (64%)



Red (52%)

Yellow (57%)

Blue (64%)

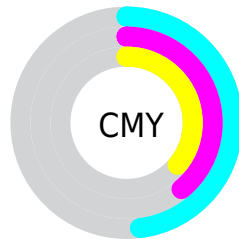


Cyan (19%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 849CA3 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 849CA3 by changing the saturation by 10% instead.

■ 849CA3

■ 849CA3

FFFFFF

■ 6A8289

■ B9D2DA

■ 52696F

■ D5EFF6

■ 3A5157

■ F2FFFF

■ 243A40

■ 0E242A

■ 000F16

■ 000000

■ 849CA3

■ 849CA3

■ 7498A3

■ 94A0A3

6395A3

A5A3A3

5391A3

B5A7A3

438DA3

C5ABA3

338AA3

D6AEA3

2286A3

E6B2A3

1282A3

F6B6A3

027FA3

FFB9A3

007EA3

FFBDA3

Harmonies

Analogous

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



849D9B



849CA3



8A9AA8

Triad

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



849CA3



A6939D



9B9888

Complementary

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



849CA3



A38B84

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.



A39688



849CA3



AA9294

Square

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



849CA3



9E95A4



A9938D



919B8C

Rectangle

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



849CA3



9098A8



A9938D



9E9887

Sweetspot

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



849CA3



C7D1D4



84A38B



64696B



EBEBEB



6B6B6B

Same Dimension

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



849CA3



A3C9D4



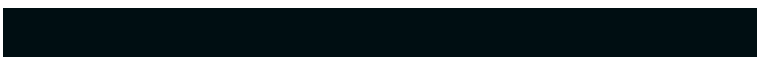
848DA3



495052



007191



000E12

Inverse Universe

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



A3849C



D4A3C9



A39A84



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color 849CA3 looks on a white background.

Color Contrast Check

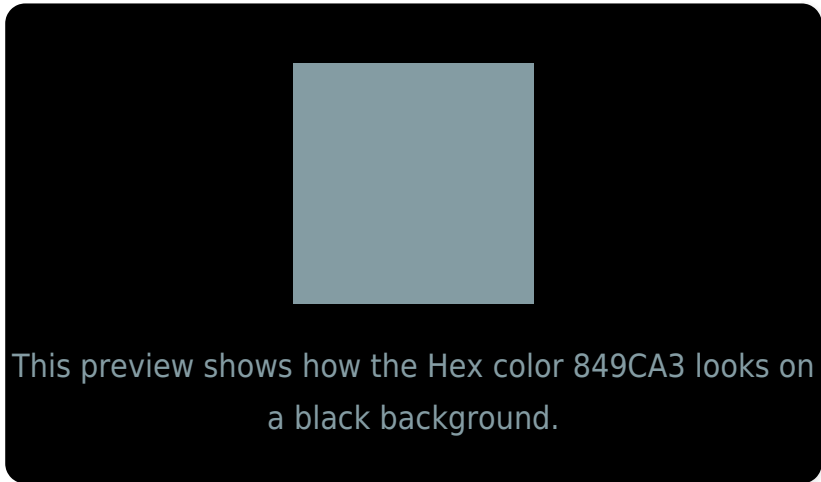
Large Text (above 18pt) WCAG AA × Fail

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

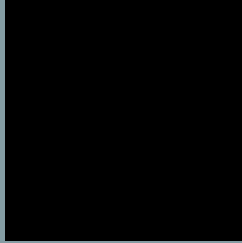
Any Text WCAG AA ✓ Pass

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 849CA3 Background



This preview shows how black text looks on a background with the Hex color 849CA3.

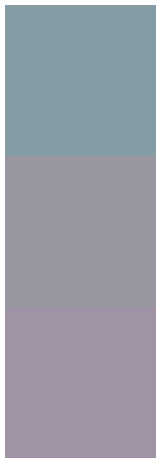


This preview shows how white text looks on a background with the Hex color 849CA3.

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](#).

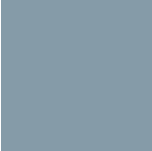
Dichromacy



Original Color
849CA3

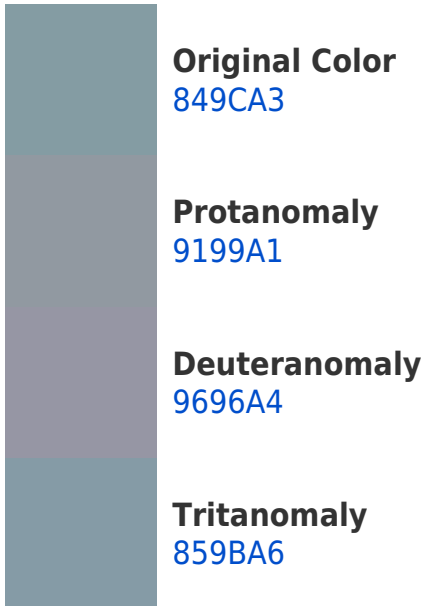
Protanopia
9897A0

Deuteranopia
A093A5

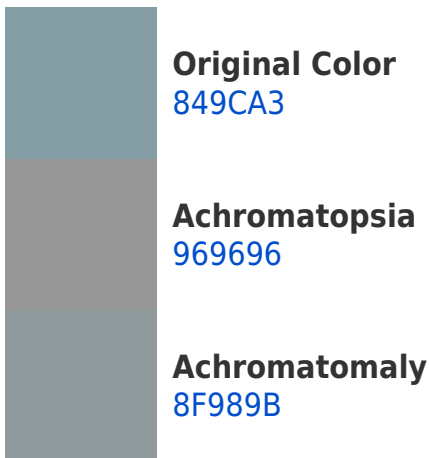


Tritanopia
859BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 849CA3 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 #849CA3 looks like.

```
.text, #text, p{  
    color:#849CA3  
}
```

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 #849CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #849CA3  
}
```

Border

The CSS property to change the border of an element to Hex 849CA3 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  
#849CA3 }
```

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

```
.border{ border-color:#849CA3 }
```

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

Here you see how a box with a 4 pixel #849CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #849CA3; -webkit-box-shadow:4px 4px  
4px 4px #849CA3; box-shadow:4px 4px 4px  
4px #849CA3 }
```

Background

The CSS property to change the background color of an element to Hex 849CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#849CA3 }
```

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

```
.background{ background-color:#849CA3 }
```

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