

Converting Colors

Hex(84A3CA)

Have a look what the booklet for
Hex(84A3CA) contains.

Hex(84A3CA)	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(84A3CA)

Conversions

Conversions Part 1

Format	Color
Hex	84A3CA
RGB	132, 163, 202
RGB Percent	52%, 64%, 79%
CMY	0.4824, 0.3608, 0.2078
CMYK	0.35, 0.19, 0.00, 0.21
HSL	213°, 40%, 65%
HSV	213°, 35%, 79%
XYZ	33.2736, 35.3642, 60.9494
YIQ	158.1770, -30.9950, 5.5570

Conversions

Conversions Part 2

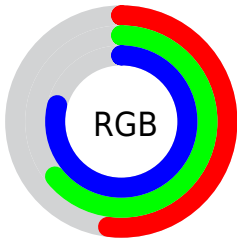
Format	Color
R_{YB}	132, 153, 202
Decimal	8692682
CIE _{Lab}	66.03, -1.19, -23.40
CIE _{LCh}	66, 23.426, 267.081
Yxy	35.3642, 0.2568, 0.2729
Android (android.graphics.Color)	4286882762 (0xFF84A3CA)
YUV	158.1770, 21.6047, -22.9572
Hunter-Lab	59.4678, -4.1938, -19.1397

Details

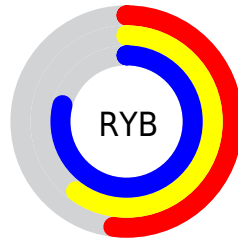
The Hex color **84A3CA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CAAB84**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BBD AFF**, and **506F94** is the 20% darker color. If you saturate the color by 10%, you get **7098CA**, and if you desaturate by 10%, it is **98AECA**.

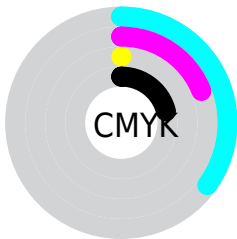
Distribution



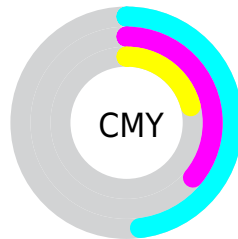
- Red (52%)
- Green (64%)
- Blue (79%)



- Red (52%)
- Yellow (60%)
- Blue (79%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (21%)



- Cyan (48%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A3CA 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 84A3CA by changing the saturation by 10% instead.

■ 84A3CA

■ 84A3CA

FFFFFF

■ 6A89AF

■ BBDAFF

■ 506F94

■ D7F6FF

■ 36577A

■ F4FFFF

■ 1B4061

■ 002A49

■ 001632

■ 00021D

■ 000000

■ 84A3CA

■ 84A3CA

7098CA

98AECA

5C8CCA

ACBACA

4781CA

C1C5CA

3376CA

D5D0CA

1F6BCA

E9DBCA

0B5FCA

FDE7CA

0059CA

FFF2CA

FFFDCA

FFFFCA

Harmonies

Analogous

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



6BA9C3



84A3CA



A19CC6

Triad

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



84A3CA



CB928E



84AA89

Complementary

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



84A3CA



CAAB84

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.



9CA57B



84A3CA



C3977E

Square

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



84A3CA



C891A3



B29E77



6EAC9E

Rectangle

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



84A3CA



B297BD



B29E77



8CA883

Sweetspot

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



84A3CA



E6F1FF



84CAAB



707780



000000



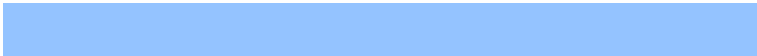
808080

Same Dimension

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



84A3CA



94C3FF



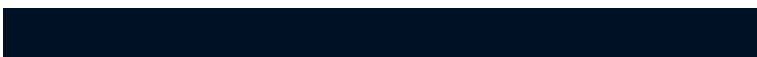
8884CA



5C6066



0049A6



001126

Inverse Universe

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



CA84A3



FF94C3



C7CA84



665C60



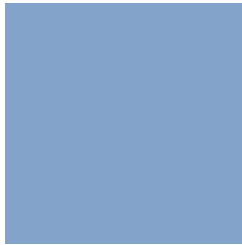
A60049



260011

Previews

White Background



This preview shows how the Hex color 84A3CA looks on a white background.

Color Contrast Check

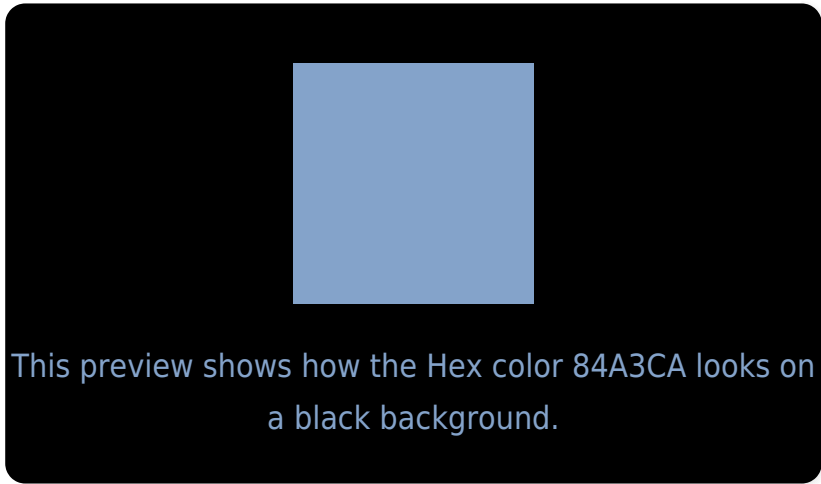
Large Text (above 18pt) WCAG AA × Fail

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

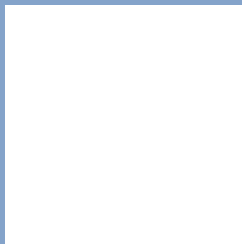
Any Text WCAG AAA ✓ Pass

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

Hex 84A3CA Background



This preview shows how black text looks on a background with the Hex color 84A3CA.

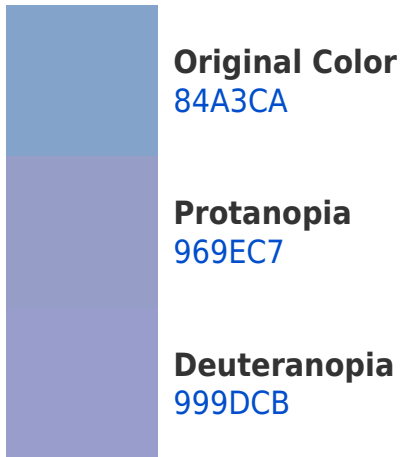


This preview shows how white text looks on a background with the Hex color 84A3CA.

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](#).

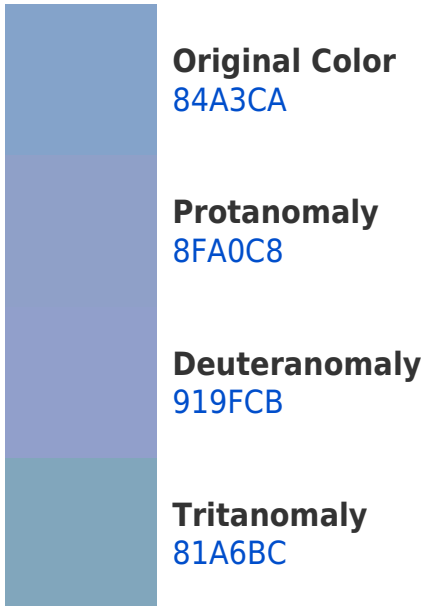
Dichromacy



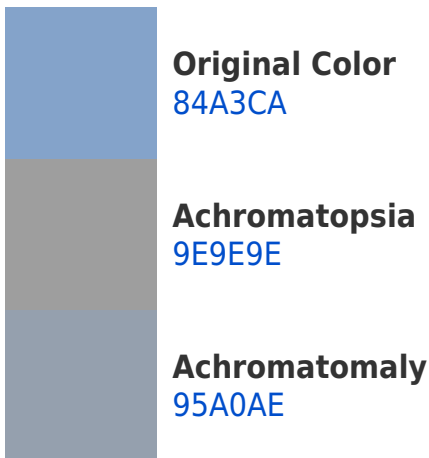


Tritanopia
7FA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A3CA 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 #84A3CA looks like.

```
.text, #text, p{  
    color:#84A3CA  
}
```

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 #84A3CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A3CA
}
```

Border

The CSS property to change the border of an element to Hex 84A3CA 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
#84A3CA }
```

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

```
.border{ border-color:#84A3CA }
```

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

Here you see how a box with a 4 pixel #84A3CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A3CA; -webkit-box-shadow:4px 4px  
4px 4px #84A3CA; box-shadow:4px 4px 4px  
4px #84A3CA }
```

Background

The CSS property to change the background color of an element to Hex 84A3CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A3CA }
```

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

```
.background{ background-color:#84A3CA }
```

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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