

# Converting Colors

Hex(8A9CC9)

Have a look what the booklet for  
Hex(8A9CC9) contains.

<b>Hex(8A9CC9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(8A9CC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A9CC9
RGB	138, 156, 201
RGB Percent	54%, 61%, 79%
CMY	0.4588, 0.3882, 0.2118
CMYK	0.31, 0.22, 0.00, 0.21
HSL	223°, 37%, 66%
HSV	223°, 31%, 79%
XYZ	32.9123, 33.3973, 59.9700
YIQ	155.7480, -25.1730, 10.1790

# Conversions

## Conversions Part 2

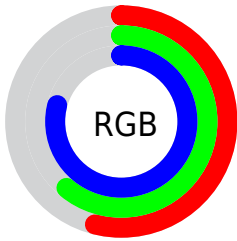
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 152, 201
Decimal	9084105
CIELab	64.48, 4.21, -25.18
CIELCh	64, 25.529, 279.487
Yxy	33.3973, 0.2606, 0.2645
Android (android.graphics.Color)	4287274185 (0xFF8A9CC9)
YUV	155.7480, 22.3092, -15.5650
Hunter-Lab	57.7904, 0.5248, -21.0729

# Details

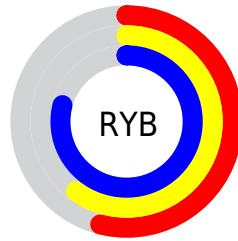
The Hex color **8A9CC9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C9B78A**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C1D2FF**, and **566993** is the 20% darker color. If you saturate the color by 10%, you get **768EC9**, and if you desaturate by 10%, it is **9EAAC9**.

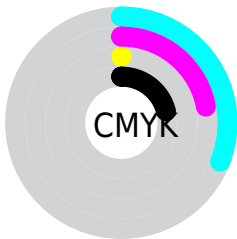
# Distribution



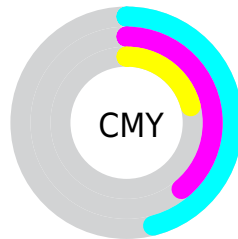
- Red (54%)
- Green (61%)
- Blue (79%)



- Red (54%)
- Yellow (60%)
- Blue (79%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (39%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A9CC9 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 8A9CC9 by changing the saturation by 10% instead.





8A9CC9



8A9CC9

FFFFFF



7082AE



C1D2FF



566993



DDEFFF



3D5179



FAFFFF



233A60



052548



001031



00021C



000000



8A9CC9



8A9CC9

768EC9

9EAAC9

627FC9

B2B9C9

4E71C9

C6C7C9

3A63C9

DAD5C9

2654C9

EFE4C9

1146C9

FFF2C9

0039C9

FFFFC9

# Harmonies

## Analogous

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



6BA3C6



8A9CC9



A994C0

# Triad

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



8A9CC9



C88F80



72A88C

# Complementary

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



8A9CC9



C9B78A

# 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.



8CA479



8A9CC9



BB9672

# Square

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



8A9CC9



CA8C96



A69D6F



5DA9A3

# Rectangle

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



8A9CC9



B98FB4



A69D6F



7BA785

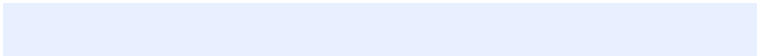


# Sweetspot

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



8A9CC9



E8EFFF



8AC9B6



717580



000000



808080



# Same Dimension

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



8A9CC9



9EBAFF



978AC9



5A5C63



002FA3



000A24



# Inverse Universe

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



C98A9C



FF9EBA



BCC98A



635A5C



A3002F

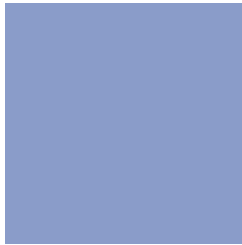


24000A



# Previews

## White Background



This preview shows how the Hex color 8A9CC9 looks on a white background.

## Color Contrast Check

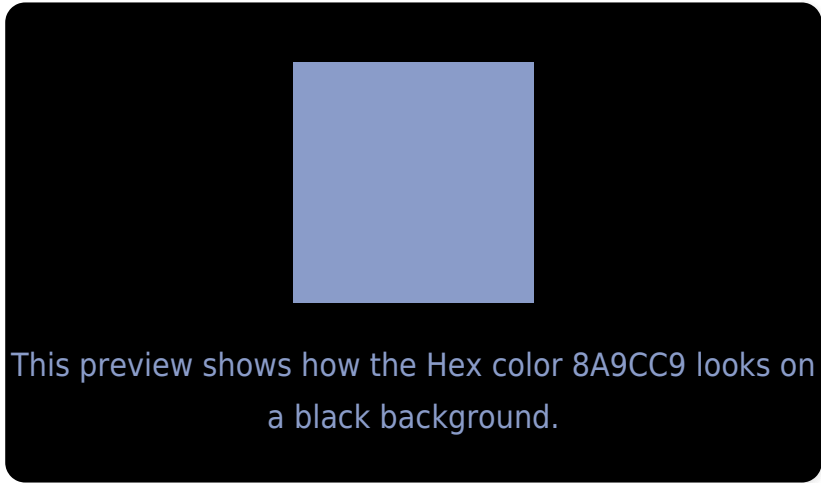
Large Text (above 18pt) WCAG AA × Fail

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

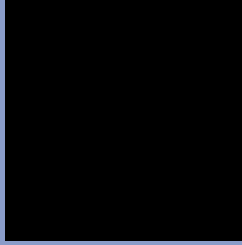
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

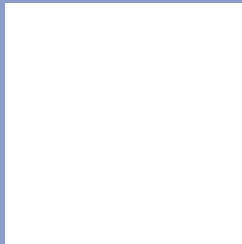
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A9CC9 Background



This preview shows how black text looks on a background with the Hex color 8A9CC9.



This preview shows how white text looks on a background with the Hex color 8A9CC9.

# 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**  
8A9CC9

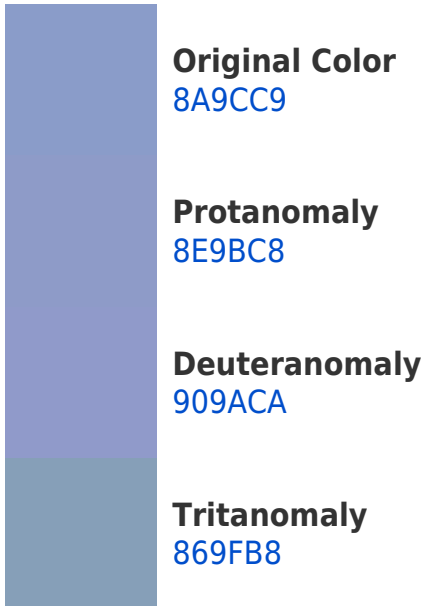
**Protanopia**  
909AC8

**Deuteranopia**  
9399CA

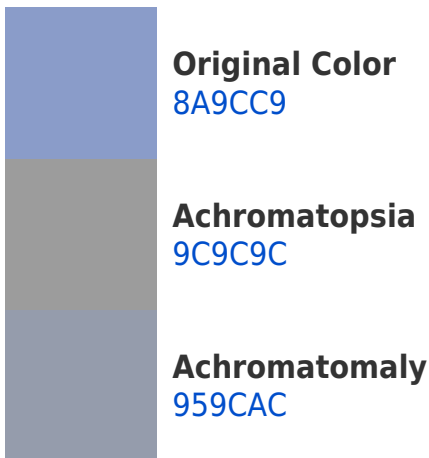


**Tritanopia**  
84A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A9CC9 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 #8A9CC9 looks like.

```
.text, #text, p{  
    color:#8A9CC9  
}
```

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 #8A9CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A9CC9
}
```

## Border

The CSS property to change the border of an element to Hex 8A9CC9 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
#8A9CC9 }
```

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

```
.border{ border-color:#8A9CC9 }
```

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

Here you see how a box with a 4 pixel #8A9CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A9CC9; -webkit-box-shadow:4px 4px  
4px 4px #8A9CC9; box-shadow:4px 4px 4px  
4px #8A9CC9 }
```

# Background

The CSS property to change the background color of an element to Hex 8A9CC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A9CC9 }
```

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

```
.background{ background-color:#8A9CC9 }
```

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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