

# Converting Colors

Hex(8A9AD9)

Have a look what the booklet for  
Hex(8A9AD9) contains.

<b>Hex(8A9AD9)</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(8A9AD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A9AD9
RGB	138, 154, 217
RGB Percent	54%, 60%, 85%
CMY	0.4588, 0.3961, 0.1490
CMYK	0.36, 0.29, 0.00, 0.15
HSL	228°, 51%, 70%
HSV	228°, 36%, 85%
XYZ	34.5612, 33.5242, 70.2949
YIQ	156.3980, -29.7590, 16.2010

# Conversions

## Conversions Part 2

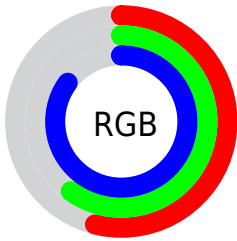
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 151, 217</a>
Decimal	<a href="#">9083609</a>
CIELab	<a href="#">64.58, 9.54, -33.92</a>
CIELCh	<a href="#">65, 35.235, 285.704</a>
Yxy	<a href="#">33.5242, 0.2498, 0.2423</a>
Android (android.graphics.Color)	<a href="#">4287273689 (0xFF8A9AD9)</a>
YUV	<a href="#">156.3980, 29.8768, -16.1350</a>
Hunter-Lab	<a href="#">57.9001, 5.2234, -31.4522</a>

# Details

The Hex color **8A9AD9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D9C98A**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C2D0FF**, and **5567A2** is the 20% darker color. If you saturate the color by 10%, you get **7489D9**, and if you desaturate by 10%, it is **A0ABD9**.

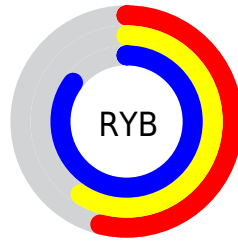
# Distribution



Red (54%)

Green (60%)

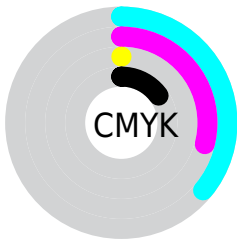
Blue (85%)



Red (54%)

Yellow (59%)

Blue (85%)

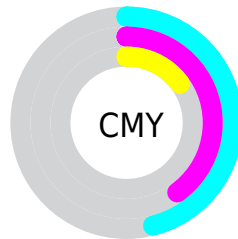


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (15%)



Cyan (46%)

Magenta (40%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A9AD9 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 8A9AD9 by changing the saturation by 10% instead.



■ 8A9AD9

■ 8A9AD9

FFFFFF

■ 6F80BD

■ C2D0FF

■ 5567A2

■ DEECFF

■ 3A4F87

■ FBFFFF

■ 1E396E

■ 002455

■ 000E3E

■ 000327

■ 000111

■ 000000

■ 8A9AD9

■ 8A9AD9

■ 7489D9

■ A0ABD9

■ 5F77D9

■ B5BDD9

■ 4966D9

■ CBCED9

■ 3355D9

■ E1DFD9

■ 1E43D9

■ F6F1D9

■ 0832D9

■ FFFFD9

■ 002CD9

# Harmonies

## Analogous

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



54A4D9



8A9AD9



B58EC9

# Triad

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



8A9AD9



D38B71



55AC8C

# Complementary

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



8A9AD9



D9C98A

# 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.



7DA870



8A9AD9



BF9660

# Square

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



8A9AD9



DA858D



A1A05F



28ADAD

# Rectangle

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



8A9AD9



C988B7



A1A05F



63AB82



# Sweetspot

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



8A9AD9



E3E9FF



8AD9C8



6F7280



000000



808080



# Same Dimension

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



8A9AD9



8FA6FF



A08AD9



63656E



0023AD



00092E



# Inverse Universe

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



D98A9A



FF8FA6



C3D98A



6E6365



AD0023

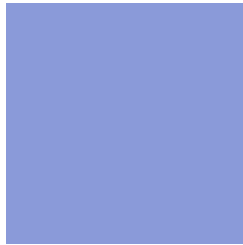


2E0009



# Previews

## White Background



This preview shows how the Hex color 8A9AD9 looks on a white background.

## Color Contrast Check

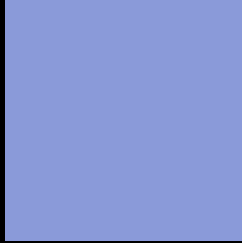
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8A9AD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

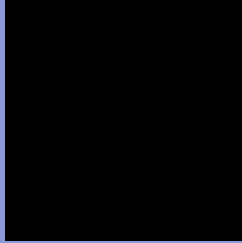
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8A9AD9 Background



This preview shows how black text looks on a background with the Hex color 8A9AD9.



This preview shows how white text looks on a background with the Hex color 8A9AD9.

# 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**  
8A9AD9

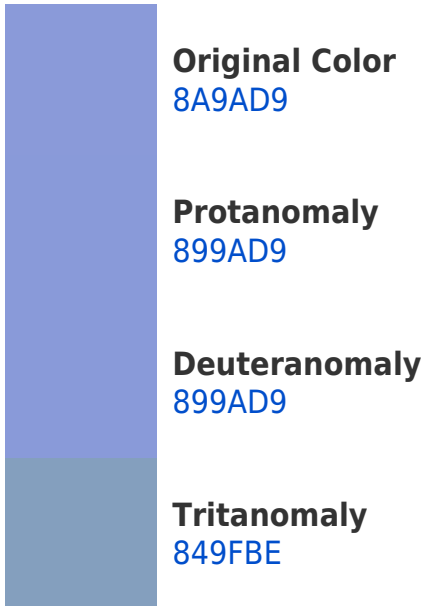
**Protanopia**  
899AD9

**Deuteranopia**  
889AD9

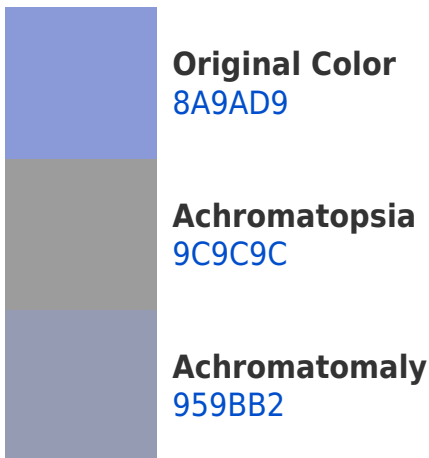


**Tritanopia**  
80A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A9AD9 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 #8A9AD9 looks like.

```
.text, #text, p{  
    color:#8A9AD9  
}
```

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 #8A9AD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A9AD9
}
```

## Border

The CSS property to change the border of an element to Hex 8A9AD9 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
#8A9AD9 }
```

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

```
.border{ border-color:#8A9AD9 }
```

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

Here you see how a box with a 4 pixel #8A9AD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A9AD9; -webkit-box-shadow:4px 4px  
4px 4px #8A9AD9; box-shadow:4px 4px 4px  
4px #8A9AD9 }
```

# Background

The CSS property to change the background color of an element to Hex 8A9AD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A9AD9 }
```

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

```
.background{ background-color:#8A9AD9 }
```

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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