

# Converting Colors

Hex(8A8BC9)

Have a look what the booklet for  
Hex(8A8BC9) contains.

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# Color

**Hex(8A8BC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A8BC9
RGB	138, 139, 201
RGB Percent	54%, 55%, 79%
CMY	0.4588, 0.4549, 0.2118
CMYK	0.31, 0.31, 0.00, 0.21
HSL	239°, 37%, 66%
HSV	239°, 31%, 79%
XYZ	30.2565, 28.0856, 59.0847
YIQ	145.7690, -20.4980, 19.0700

# Conversions

## Conversions Part 2

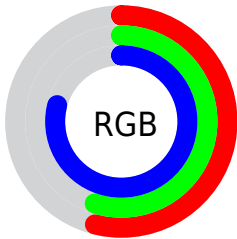
Format	Color
R <sub>Y</sub> B	138, 139, 201
Decimal	9079753
CIE Lab	59.97, 13.96, -32.15
CIE LCh	60, 35.054, 293.469
Yxy	28.0856, 0.2577, 0.2392
Android (android.graphics.Color)	4287269833 (0xFF8A8BC9)
YUV	145.7690, 27.2289, -6.8134
Hunter-Lab	52.9958, 9.1669, -29.0050

# Details

The Hex color **8A8BC9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C9C88A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C1C0FF**, and **565993** is the 20% darker color. If you saturate the color by 10%, you get **7677C9**, and if you desaturate by 10%, it is **9E9FC9**.

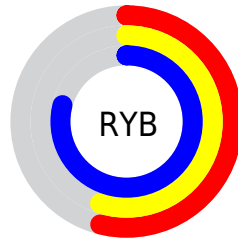
# Distribution



Red (54%)

Green (55%)

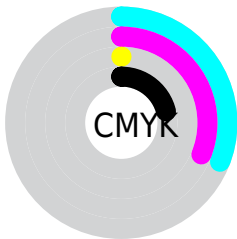
Blue (79%)



Red (54%)

Yellow (55%)

Blue (79%)

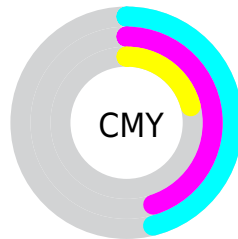


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (21%)



Cyan (46%)

Magenta (45%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A8BC9 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 8A8BC9 by changing the saturation by 10% instead.



■ 8A8BC9

■ 8A8BC9

FFFFFF

■ 7072AD

■ C1C0FF

■ 565993

■ DDDCFE

■ 3C4279

■ FAF9FF

■ 232C60

■ 031848

■ 000031

■ 00011B

■ 000000

■ 8A8BC9

■ 8A8BC9

7677C9

9E9FC9

6263C9

B2B3C9

4E50C9

C6C6C9

3A3CC9

DADAC9

2628C9

EFEEC9

1114C9

FFFFC9

0003C9

# Harmonies

## Analogous

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



5696CD



8A8BC9



B180B6

# Triad

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



8A8BC9



C18260



3DA088

# Complementary

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



8A8BC9



C9C88A

# 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.



689D6B



8A8BC9



AB8C53

# Square

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



8A8BC9



CC7A79



8C9657



00A1A8

# Rectangle

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



8A8BC9



C27AA3



8C9657



4CA07E



# Sweetspot

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



8A8BC9



E8E8FF



8AC9C8



717280



000000



808080



# Same Dimension

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



8A8BC9



9EA0FF



A88AC9



5A5A63



0003A3



000124



# Inverse Universe

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



C98A8B



FF9EA0



ABC98A



635A5A



A30003

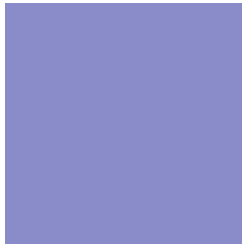


240001



# Previews

## White Background



This preview shows how the Hex color 8A8BC9 looks on a white background.

## Color Contrast Check

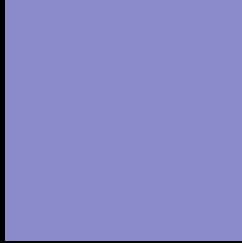
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 8A8BC9 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 × Fail

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



## Hex 8A8BC9 Background



This preview shows how black text looks on a background with the Hex color 8A8BC9.



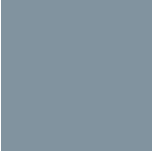
This preview shows how white text looks on a background with the Hex color 8A8BC9.

# 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](#).

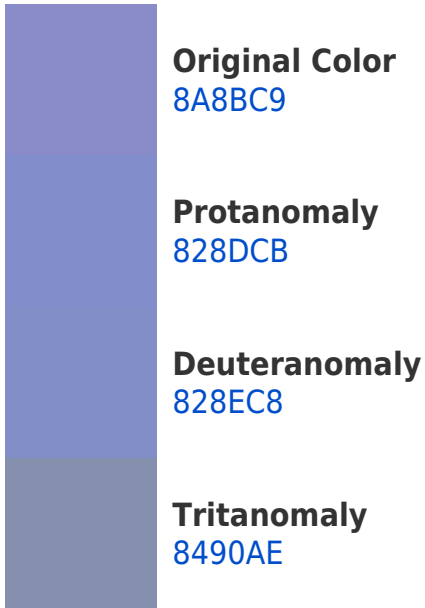
## Dichromacy



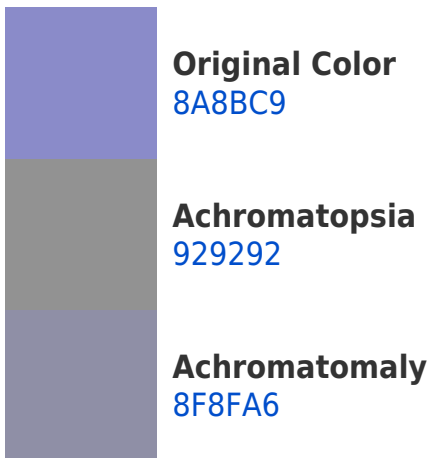


**Tritanopia**  
81939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A8BC9 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 #8A8BC9 looks like.

```
.text, #text, p{  
    color:#8A8BC9  
}
```

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 #8A8BC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8BC9
}
```

## Border

The CSS property to change the border of an element to Hex 8A8BC9 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
#8A8BC9 }
```

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

```
.border{ border-color:#8A8BC9 }
```

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

Here you see how a box with a 4 pixel #8A8BC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8BC9; -webkit-box-shadow:4px 4px  
4px 4px #8A8BC9; box-shadow:4px 4px 4px  
4px #8A8BC9 }
```

# Background

The CSS property to change the background color of an element to Hex 8A8BC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8BC9 }
```

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

```
.background{ background-color:#8A8BC9 }
```

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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