

# Converting Colors

Hex(8F9BDA)

Have a look what the booklet for  
Hex(8F9BDA) contains.

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# **Color**

**Hex(8F9BDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F9BDA
RGB	143, 155, 218
RGB Percent	56%, 61%, 85%
CMY	0.4392, 0.3922, 0.1451
CMYK	0.34, 0.29, 0.00, 0.15
HSL	230°, 50%, 71%
HSV	230°, 34%, 85%
XYZ	35.7039, 34.3443, 71.0770
YIQ	158.5940, -27.3750, 17.0490

# Conversions

## Conversions Part 2

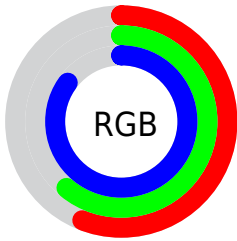
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 153, 218
Decimal	9411546
CIELab	65.23, 10.62, -33.43
CIELCh	65, 35.080, 287.619
Yxy	34.3443, 0.2530, 0.2434
Android (android.graphics.Color)	4287601626 (0xFF8F9BDA)
YUV	158.5940, 29.2872, -13.6759
Hunter-Lab	58.6040, 6.1924, -30.8862

# Details

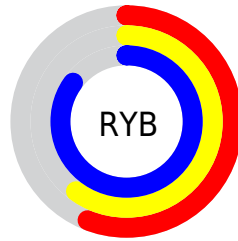
The Hex color **8F9BDA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DACE8F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C7D1FF**, and **5A68A3** is the 20% darker color. If you saturate the color by 10%, you get **7989DA**, and if you desaturate by 10%, it is **A5ADDA**.

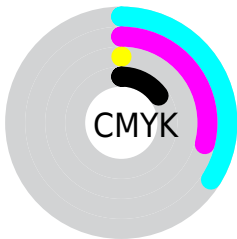
# Distribution



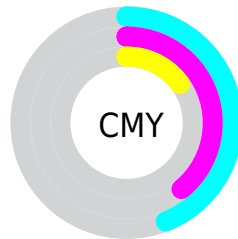
- Red (56%)
- Green (61%)
- Blue (85%)



- Red (56%)
- Yellow (60%)
- Blue (85%)



- Cyan (34%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)



- Cyan (44%)
- Magenta (39%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F9BDA 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 8F9BDA by changing the saturation by 10% instead.



■ 8F9BDA

FFFFFF

■ C7D1FF

■ E3EEFF

■ 8F9BDA

■ 7481BE

■ 5A68A3

■ 405088

■ 25396F

■ 012456

■ 000F3E

■ 000328

■ 000112

■ 000000

 8F9BDA

 8F9BDA

 7989DA

 A5ADDA

 6376DA

 BBC0DA

 4E64DA

 D0D2DA

 3852DA

 E6E4DA

 223FDA

 FCF7DA

 0C2DDA

 FFFFDA

 0023DA

# Harmonies

## Analogous

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



5BA5DB



8F9BDA



B990C9

# Triad

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



8F9BDA



D48D71



55AE90

# Complementary

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



8F9BDA



DACE8F

# 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.



7DAA73



8F9BDA



BF9861

# Square

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



8F9BDA



DC878D



A1A262



2AAF80

# Rectangle

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



8F9BDA



CC89B7



A1A262



63AD85



# Sweetspot

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



8F9BDA



E6EAFF



8FDACD



707380



000000



808080



# Same Dimension

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



8F9BDA



96A7FF



A88FDA



63646E



001CAD



00072E



# Inverse Universe

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



DA8F9B



FF96A7



C1DA8F



6E6364



AD001C

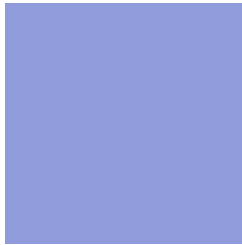


2E0007



# Previews

## White Background



This preview shows how the Hex color 8F9BDA looks on a white background.

## Color Contrast Check

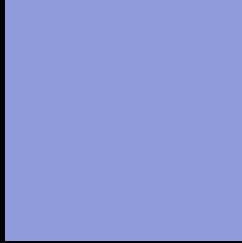
Large Text (above 18pt) WCAG AA × Fail

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 8F9BDA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

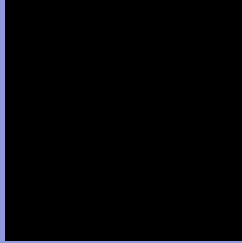
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8F9BDA Background



This preview shows how black text looks on a background with the Hex color 8F9BDA.



This preview shows how white text looks on a background with the Hex color 8F9BDA.

# 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**  
8F9BDA

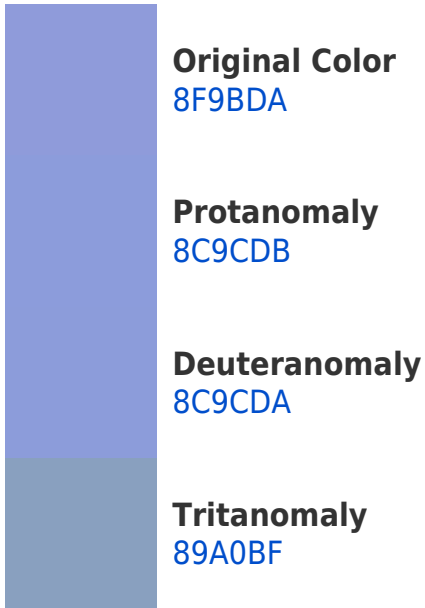
**Protanopia**  
8B9CDB

**Deuteranopia**  
8B9CDA

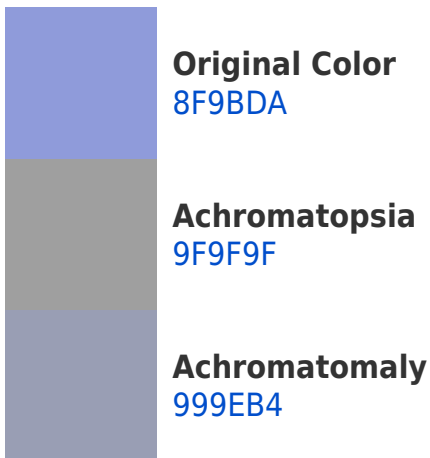


**Tritanopia**  
85A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F9BDA 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 #8F9BDA looks like.

```
.text, #text, p{  
    color:#8F9BDA  
}
```

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 #8F9BDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F9BDA
}
```

## Border

The CSS property to change the border of an element to Hex 8F9BDA 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
#8F9BDA }
```

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

```
.border{ border-color:#8F9BDA }
```

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

Here you see how a box with a 4 pixel #8F9BDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F9BDA; -webkit-box-shadow:4px 4px  
4px 4px #8F9BDA; box-shadow:4px 4px 4px  
4px #8F9BDA }
```

# Background

The CSS property to change the background color of an element to Hex 8F9BDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F9BDA }
```

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

```
.background{ background-color:#8F9BDA }
```

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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