

# Converting Colors

Hex(9FB4DA)

Have a look what the booklet for  
Hex(9FB4DA) contains.

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# **Color**

**Hex(9FB4DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FB4DA
RGB	159, 180, 218
RGB Percent	62%, 71%, 85%
CMY	0.3765, 0.2941, 0.1451
CMYK	0.27, 0.17, 0.00, 0.15
HSL	219°, 44%, 74%
HSV	219°, 27%, 85%
XYZ	43.2742, 45.0754, 72.7493
YIQ	178.0530, -24.7140, 7.3660

# Conversions

## Conversions Part 2

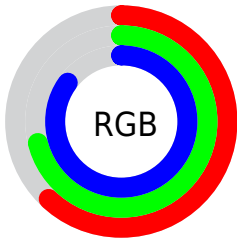
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">159, 174, 218</a>
Decimal	<a href="#">10466522</a>
CIELab	<a href="#">72.94, 1.28, -21.50</a>
CIELCh	<a href="#">73, 21.536, 273.414</a>
Yxy	<a href="#">45.0754, 0.2686, 0.2798</a>
Android (android.graphics.Color)	<a href="#">4288656602 (0xFF9FB4DA)</a>
YUV	<a href="#">178.0530, 19.6939, -16.7095</a>
Hunter-Lab	<a href="#">67.1382, -2.4389, -17.2484</a>

# Details

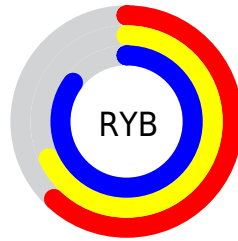
The Hex color **9FB4DA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DAC59F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D7ECFF**, and **6A7FA3** is the 20% darker color. If you saturate the color by 10%, you get **89A6DA**, and if you desaturate by 10%, it is **B5C2DA**.

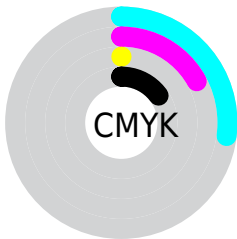
# Distribution



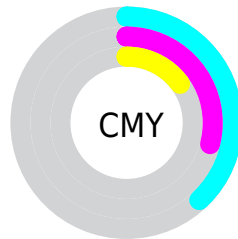
- Red (62%)
- Green (71%)
- Blue (85%)



- Red (62%)
- Yellow (68%)
- Blue (85%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (29%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FB4DA 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 9FB4DA by changing the saturation by 10% instead.



■ 9FB4DA

■ 9FB4DA

FFFFFF

■ 8499BE

■ D7ECFF

■ 6A7FA3

■ F3FFFF

■ 516689

■ 384E6F

■ 1F3857

■ 02233F

■ 000C29

■ 000114

■ 000000

 9FB4DA

 9FB4DA

 89A6DA

 B5C2DA

 7398DA

 CBD0DA

 5E8ADA

 E0DEDA

 487CDA

 F6ECDA

 326EDA

 FFFADA

 1C60DA

 FFFFDA

 0652DA

 004EDA

# Harmonies

## Analogous

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



88BAD6



9FB4DA



B9ADD4

# Triad

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



9FB4DA



DBA79E



94BDA1

# Complementary

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



9FB4DA



DAC59F

# 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.



AAB892



9FB4DA



D1AC90

# Square

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



9FB4DA



DAA5B1



C0B28C



82BEB5

# Rectangle

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



9FB4DA



C8A9CB



C0B28C



9BBB9B



# Sweetspot

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



9FB4DA



EBF2FF



9FDAC4



737780



000000



808080



# Same Dimension

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



9FB4DA



ADCAFF



A79FDA



63676E



003EAD



00102E



# Inverse Universe

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



DA9FB4



FFADCA



D2DA9F



6E6367



AD003E

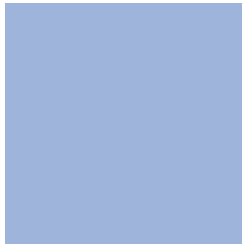


2E0010



# Previews

## White Background



This preview shows how the Hex color 9FB4DA looks on a white background.

## Color Contrast Check

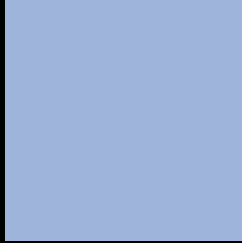
Large Text (above 18pt) WCAG AA × Fail

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 9FB4DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

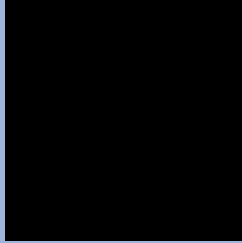
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FB4DA Background



This preview shows how black text looks on a background with the Hex color 9FB4DA.



This preview shows how white text looks on a background with the Hex color 9FB4DA.

# 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**  
9FB4DA

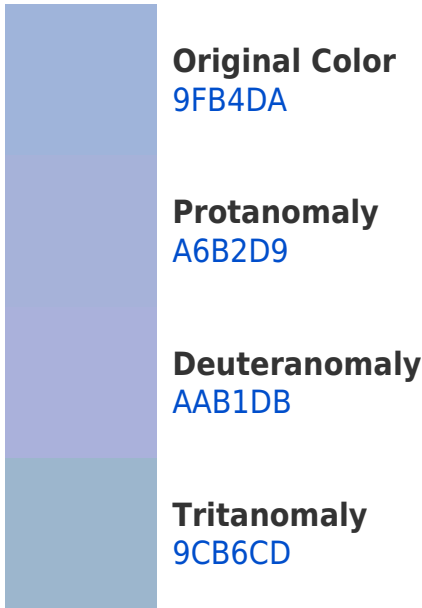
**Protanopia**  
AAB1D8

**Deuteranopia**  
B0AFDB

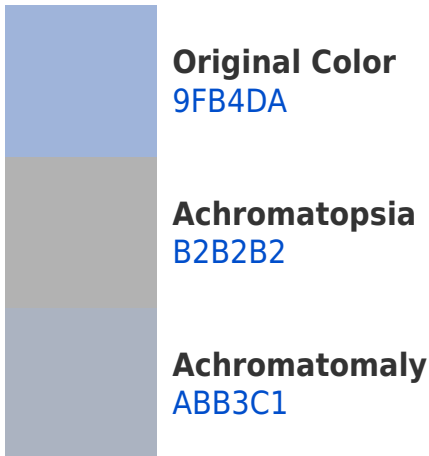


**Tritanopia**  
9BB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FB4DA 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 #9FB4DA looks like.

```
.text, #text, p{  
    color:#9FB4DA  
}
```

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 #9FB4DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB4DA
}
```

## Border

The CSS property to change the border of an element to Hex 9FB4DA 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
#9FB4DA }
```

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

```
.border{ border-color:#9FB4DA }
```

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

Here you see how a box with a 4 pixel #9FB4DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB4DA; -webkit-box-shadow:4px 4px  
4px 4px #9FB4DA; box-shadow:4px 4px 4px  
4px #9FB4DA }
```

# Background

The CSS property to change the background color of an element to Hex 9FB4DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB4DA }
```

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

```
.background{ background-color:#9FB4DA }
```

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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