

# Converting Colors

Hex(9FB4DF)

Have a look what the booklet for  
Hex(9FB4DF) contains.

<b>Hex(9FB4DF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9FB4DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FB4DF
RGB	159, 180, 223
RGB Percent	62%, 71%, 87%
CMY	0.3765, 0.2941, 0.1255
CMYK	0.29, 0.19, 0.00, 0.13
HSL	220°, 50%, 75%
HSV	220°, 29%, 87%
XYZ	43.9386, 45.3412, 76.2479
YIQ	178.6230, -26.3190, 8.9210

# Conversions

## Conversions Part 2

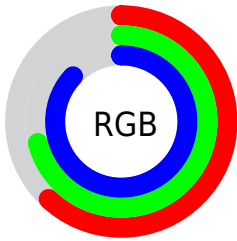
Format	Color
<a href="#">RYB</a>	<a href="#">159, 175, 223</a>
Decimal	<a href="#">10466527</a>
CIELab	<a href="#">73.12, 2.49, -23.96</a>
CIELCh	<a href="#">73, 24.085, 275.932</a>
Yxy	<a href="#">45.3412, 0.2654, 0.2739</a>
Android (android.graphics.Color)	<a href="#">4288656607</a> ( <a href="#">0xFF9FB4DF</a> )
YUV	<a href="#">178.6230, 21.8779, -17.2094</a>
Hunter-Lab	<a href="#">67.3358, -1.3612, -20.0021</a>

# Details

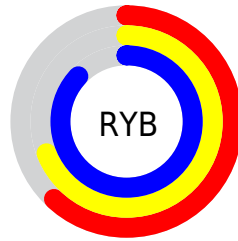
The Hex color **9FB4DF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DFCA9F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D7ECFF**, and **6A7FA8** is the 20% darker color. If you saturate the color by 10%, you get **89A5DF**, and if you desaturate by 10%, it is **B5C3DF**.

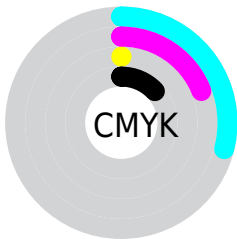
# Distribution



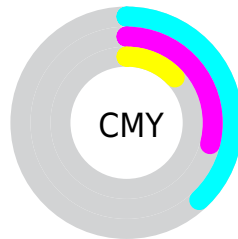
- Red (62%)
- Green (71%)
- Blue (87%)



- Red (62%)
- Yellow (69%)
- Blue (87%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (29%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FB4DF 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 9FB4DF by changing the saturation by 10% instead.



■ 9FB4DF

■ 9FB4DF

FFFFFF

■ 8499C3

■ D7ECFF

■ 6A7FA8

■ F4FFFF

■ 50668D

■ 374F74

■ 1E385B

■ 002343

■ 000C2D

■ 000118

■ 000000

■ 9FB4DF

■ 9FB4DF

■ 89A5DF

■ B5C3DF

■ 7296DF

■ CCD2DF

■ 5C87DF

■ E2E1DF

■ 4678DF

■ F8F0DF

■ 3069DF

■ FFFFDF

■ 195ADF

■ 034BDF

■ 0049DF

# Harmonies

## Analogous

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



83BBDB



9FB4DF



BDACD7

# Triad

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



9FB4DF



DFA69B



8EBEA1

# Complementary

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



9FB4DF



DFCA9F

# 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.



A7BA8F



9FB4DF



D3AC8C

# Square

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



9FB4DF



E0A4B0



C0B388



7AC0B7

# Rectangle

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



9FB4DF



CDA8CD



C0B388



96BD9A



# Sweetspot

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



9FB4DF



E8F0FF



9FDPCA



717680



000000



808080



# Same Dimension

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



9FB4DF



A8C5FF



AA9FDF



656970



003AB0



001030



# Inverse Universe

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



DF9FB4



FFA8C5



D4DF9F



706569



B0003A

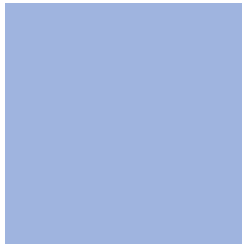


300010



# Previews

## White Background



This preview shows how the Hex color 9FB4DF looks on a white background.

## Color Contrast Check

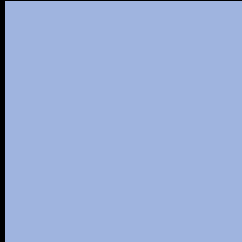
Large Text (above 18pt) WCAG AA × Fail

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 9FB4DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

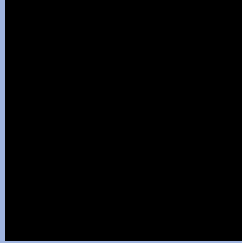
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

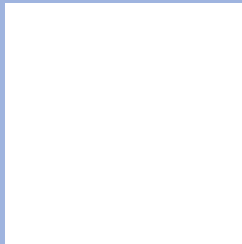
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FB4DF Background



This preview shows how black text looks on a background with the Hex color 9FB4DF.

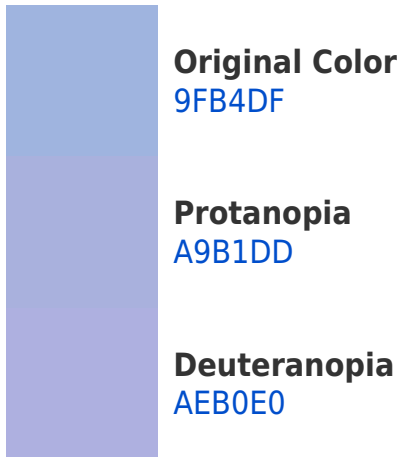


This preview shows how white text looks on a background with the Hex color 9FB4DF.

# 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](#).

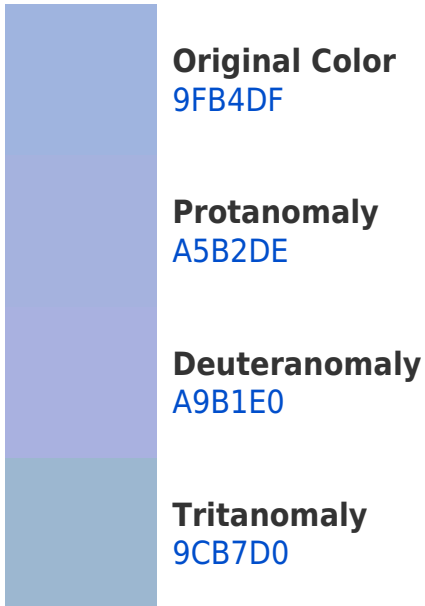
## Dichromacy



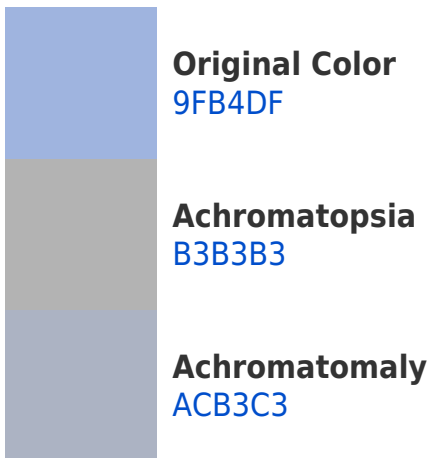


**Tritanopia**  
9AB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FB4DF 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 #9FB4DF looks like.

```
.text, #text, p{  
    color:#9FB4DF  
}
```

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 #9FB4DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB4DF
}
```

## Border

The CSS property to change the border of an element to Hex 9FB4DF 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
#9FB4DF }
```

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

```
.border{ border-color:#9FB4DF }
```

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

Here you see how a box with a 4 pixel #9FB4DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB4DF; -webkit-box-shadow:4px 4px  
4px 4px #9FB4DF; box-shadow:4px 4px 4px  
4px #9FB4DF }
```

# Background

The CSS property to change the background color of an element to Hex 9FB4DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB4DF }
```

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

```
.background{ background-color:#9FB4DF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor