

# Converting Colors

Hex(9FB0F9)

Have a look what the booklet for  
Hex(9FB0F9) contains.

<b>Hex(9FB0F9)</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(9FB0F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FB0F9
RGB	159, 176, 249
RGB Percent	62%, 69%, 98%
CMY	0.3765, 0.3098, 0.0235
CMYK	0.36, 0.29, 0.00, 0.02
HSL	229°, 88%, 80%
HSV	229°, 36%, 98%
XYZ	46.9223, 45.2611, 95.8857
YIQ	179.2390, -33.5650, 19.0990

# Conversions

## Conversions Part 2

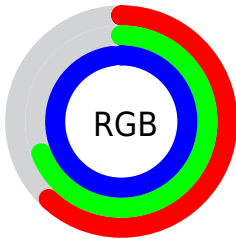
Format	Color
<a href="#">RYB</a>	<a href="#">159, 173, 249</a>
Decimal	<a href="#">10465529</a>
CIELab	<a href="#">73.06, 11.28, -38.14</a>
CIElCh	<a href="#">73, 39.776, 286.467</a>
Yxy	<a href="#">45.2611, 0.2495, 0.2407</a>
Android (android.graphics.Color)	<a href="#">4288655609 (0xFF9FB0F9)</a>
YUV	<a href="#">179.2390, 34.3922, -17.7496</a>
Hunter-Lab	<a href="#">67.2764, 6.7621, -37.4096</a>

# Details

The Hex color **9FB0F9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F9E89F**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D8E7FF**, and **687CC0** is the 20% darker color. If you saturate the color by 10%, you get **869CF9**, and if you desaturate by 10%, it is **B8C4F9**.

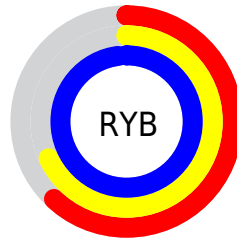
# Distribution



Red (62%)

Green (69%)

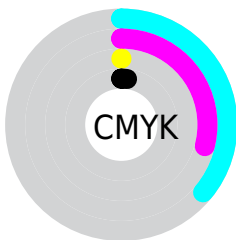
Blue (98%)



Red (62%)

Yellow (68%)

Blue (98%)

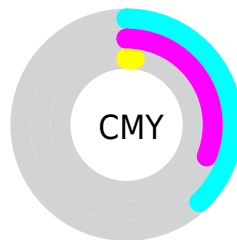


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (38%)

Magenta (31%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FB0F9 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 9FB0F9 by changing the saturation by 10% instead.



■ 9FB0F9

■ 9FB0F9

FFFFFF

■ 8395DC

■ D8E7FF

■ 687CC0

■ F5FFFF

■ 4D63A5

■ 314B8A

■ 0E3570

■ 002058

■ 000940

■ 000329

■ 000113

 9FB0F9

 9FB0F9

 869CF9

 B8C4F9

 6D88F9

 D1D8F9

 5473F9

 EAEDF9

 3B5FF9

 FFFFF9

 224BF9

 0A37F9

 002FF9

# Harmonies

## Analogous

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



60BCFA



9FB0F9



D1A3E6

# Triad

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



9FB0F9



F29F80



5FC6A1

# Complementary

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



9FB0F9



F9E89F

# 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.



8EC180



9FB0F9



DAAB6D

# Square

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



9FB0F9



FB97A0



B7B86C



25C7C7

# Rectangle

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



9FB0F9



E89BD1



B7B86C



70C495



# Sweetspot

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



9FB0F9



E3E8FF



9FF9E7



6F7280



000000



808080



# Same Dimension

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



9FB0F9



91A6FF



BA9FF9



70737D



0024BD



000C3D



# Inverse Universe

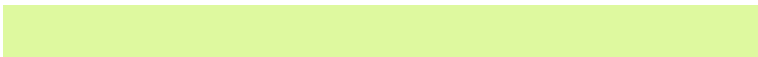
The Inverse Universe completely reimagines the original color for something new.



F99FB0



FF91A6



DEF99F



7D7073



BD0024

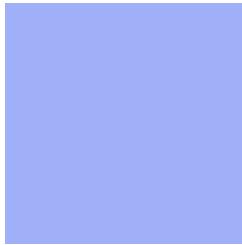


3D000C



# Previews

## White Background



This preview shows how the Hex color 9FB0F9 looks on a white background.

## Color Contrast Check

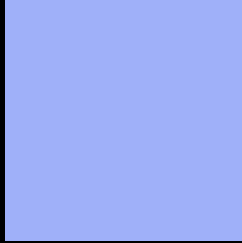
Large Text (above 18pt) WCAG AA × Fail

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 9FB0F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

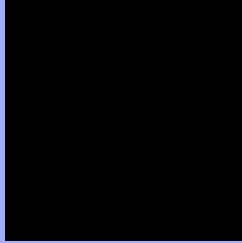
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FB0F9 Background



This preview shows how black text looks on a background with the Hex color 9FB0F9.



This preview shows how white text looks on a background with the Hex color 9FB0F9.

# 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**  
9FB0F9

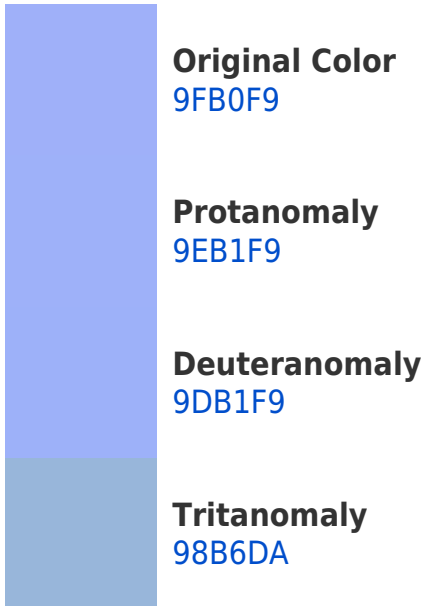
**Protanopia**  
9DB1F9

**Deuteranopia**  
9CB1F9

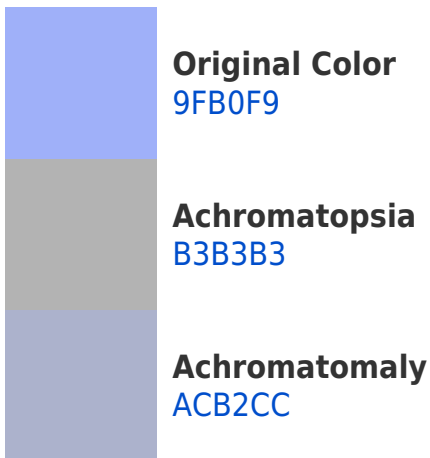


**Tritanopia**  
94B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FB0F9 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 #9FB0F9 looks like.

```
.text, #text, p{  
    color:#9FB0F9  
}
```

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 #9FB0F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB0F9
}
```

## Border

The CSS property to change the border of an element to Hex 9FB0F9 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
#9FB0F9 }
```

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

```
.border{ border-color:#9FB0F9 }
```

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

Here you see how a box with a 4 pixel #9FB0F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB0F9; -webkit-box-shadow:4px 4px  
4px 4px #9FB0F9; box-shadow:4px 4px 4px  
4px #9FB0F9 }
```

# Background

The CSS property to change the background color of an element to Hex 9FB0F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB0F9 }
```

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

```
.background{ background-color:#9FB0F9 }
```

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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