

# Converting Colors

Hex(9FAFEF)

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

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# **Color**

**Hex(9FAFEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FAFEF
RGB	159, 175, 239
RGB Percent	62%, 69%, 94%
CMY	0.3765, 0.3137, 0.0627
CMYK	0.33, 0.27, 0.00, 0.06
HSL	228°, 71%, 78%
HSV	228°, 33%, 94%
XYZ	45.2080, 44.2629, 87.8222
YIQ	177.5120, -30.0800, 16.5120

# Conversions

## Conversions Part 2

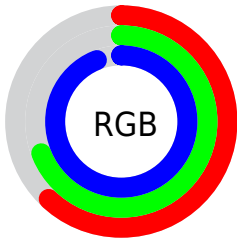
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 172, 239
Decimal	10465263
CIE <sub>Lab</sub>	72.40, 9.25, -33.75
CIE <sub>LCh</sub>	72, 34.994, 285.321
Yxy	44.2629, 0.2550, 0.2497
Android (android.graphics.Color)	4288655343 (0xFF9FAFEF)
YUV	177.5120, 30.3136, -16.2350
Hunter-Lab	66.5303, 4.8644, -31.6935

# Details

The Hex color **9FAFEE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EFDF9F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D7E6FF**, and **697BB7** is the 20% darker color. If you saturate the color by 10%, you get **879CEF**, and if you desaturate by 10%, it is **B7C2EF**.

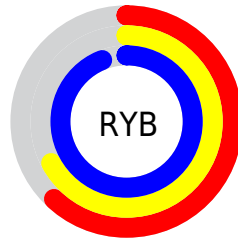
# Distribution



Red (62%)

Green (69%)

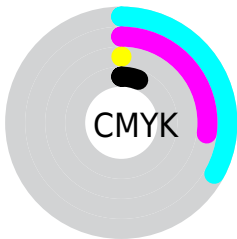
Blue (94%)



Red (62%)

Yellow (67%)

Blue (94%)

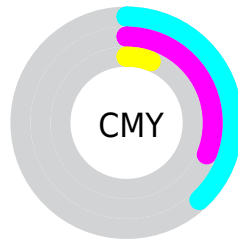


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (6%)



Cyan (38%)

Magenta (31%)

Yellow (6%)

# Brightness & Saturation Gradients

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



■ 9FAFEF

■ 9FAFEF

FFFFFF

■ 8494D3

■ D7E6FF

■ 697BB7

■ F4FFFF

■ 4E629C

■ 344A81

■ 163468

■ 001F50

■ 000638

■ 000222

■ 000008

 9FAFEF

 9FAFEF

 879CEF

 B7C2EF

 6F89EF

 CFD5EF

 5776EF

 E7E8EF

 3F63EF

 FFFBEF

 284FEF

 FFFFEF

 103CEF

 0030EF

# Harmonies

## Analogous

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



6CB9EF



9FAFEF



CAA4DF

# Triad

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



9FAFEF



EAA085



6CC2A0

# Complementary

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



9FAFEF



EFD99F

# 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.



93BD84



9FAFEF



D5AA74

# Square

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



9FAFEF



F19AA2



B7B573



48C3C1

# Rectangle

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



9FAFEF



DF9DCD



B7B573



79C196



# Sweetspot

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



9FAFEF



E6EBFF



9FEFDF



707380



000000



808080



# Same Dimension

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



9FAFEF



99ADFF



B79FEF



6C6E78



0025B8



000B38



# Inverse Universe

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



EF9FAF



FF99AD



D7EF9F



786C6E



B80025



38000B



# Previews

## White Background



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

## Color Contrast Check

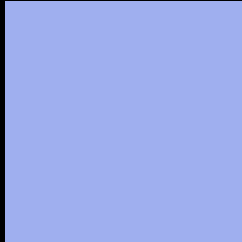
Large Text (above 18pt) WCAG AA × Fail

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 9FAFEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

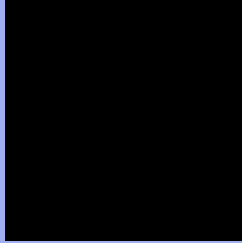
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FAFEF Background



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



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

# 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**  
9FAFEF

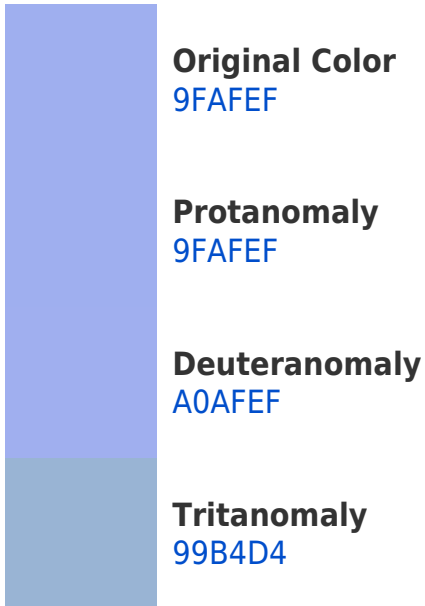
**Protanopia**  
9FAFEF

**Deuteranopia**  
A0AFEF

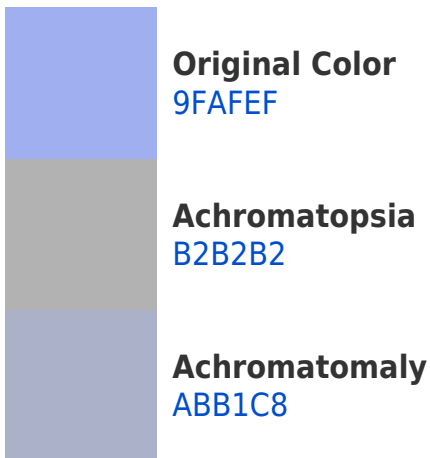


**Tritanopia**  
96B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9FAFEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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