

Converting Colors

Hex(9FB7EE)

Have a look what the booklet for
Hex(9FB7EE) contains.

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Color

Hex(9FB7EE)

Conversions

Conversions Part 1

Format	Color
Hex	9FB7EE
RGB	159, 183, 238
RGB Percent	62%, 72%, 93%
CMY	0.3765, 0.2824, 0.0667
CMYK	0.33, 0.23, 0.00, 0.07
HSL	222°, 70%, 78%
HSV	222°, 33%, 93%
XYZ	46.6642, 47.4109, 87.5807
YIQ	182.0940, -31.9590, 12.0170

Conversions

Conversions Part 2

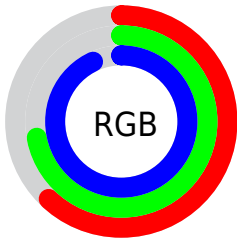
Format	Color
R _Y B	159, 177, 238
Decimal	10467310
CIE Lab	74.45, 4.57, -30.05
CIE LCh	74, 30.393, 278.638
Yxy	47.4109, 0.2569, 0.2610
Android (android.graphics.Color)	4288657390 (0xFF9FB7EE)
YUV	182.0940, 27.5617, -20.2534
Hunter-Lab	68.8556, 0.4740, -27.2148

Details

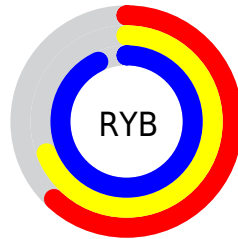
The Hex color **9FB7EE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EED69F**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D7EFFF**, and **6982B6** is the 20% darker color. If you saturate the color by 10%, you get **87A6EE**, and if you desaturate by 10%, it is **B7C8EE**.

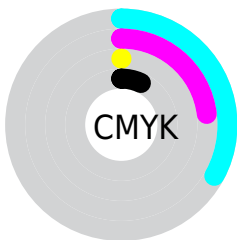
Distribution



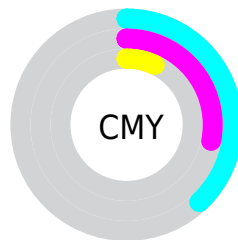
- Red (62%)
- Green (72%)
- Blue (93%)



- Red (62%)
- Yellow (69%)
- Blue (93%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (28%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FB7EE 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 9FB7EE by changing the saturation by 10% instead.

■ 9FB7EE

■ 9FB7EE

FFFFFF

■ 849CD2

■ D7EFFF

■ 6982B6

■ F4FFFF

■ 4F699B

■ 345181

■ 173A67

■ 00254F

■ 001038

■ 000222

■ 000008

■ 9FB7EE

■ 9FB7EE

■ 87A6EE

■ B7C8EE

■ 6F96EE

■ CFD8EE

■ 5885EE

■ E6E9EE

■ 4075EE

■ FEF9EE

■ 2864EE

■ FFFFEE

■ 1054EE

■ 0048EE

Harmonies

Analogous

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



77C0EA



9FB7EE



C6ADE3

Triad

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



9FB7EE



ECA696



84C5A2

Complementary

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



9FB7EE



EED69F

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.



A4C08B



9FB7EE



DCAF84

Square

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



9FB7EE



EFA2B0



C3B880



68C7BF

Rectangle

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



9FB7EE



DAA7D5



C3B880



8EC499

Sweetspot

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



9FB7EE



E6EDFF



9FEED5



707580



000000



808080

Same Dimension

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



9FB7EE



99B8FF



AD9FEE



6C7078



0038B8



001138

Inverse Universe

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



EE9FB7



FF99B8



E0EE9F



786C70



B80038



380011

Previews

White Background



This preview shows how the Hex color 9FB7EE looks on a white background.

Color Contrast Check

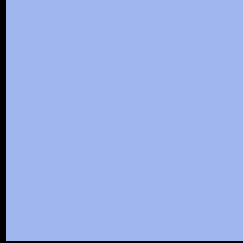
Large Text (above 18pt) WCAG AA × Fail

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 9FB7EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

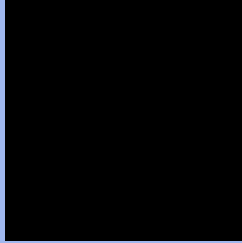
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

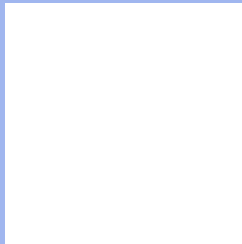
Any Text WCAG AAA ✓ Pass

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

Hex 9FB7EE Background



This preview shows how black text looks on a background with the Hex color 9FB7EE.



This preview shows how white text looks on a background with the Hex color 9FB7EE.

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

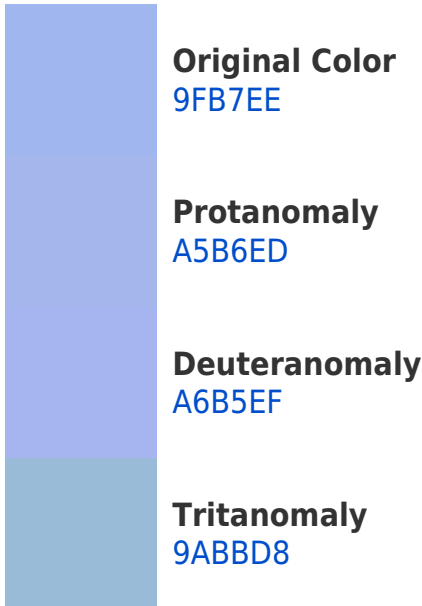


Original Color
9FB7EE

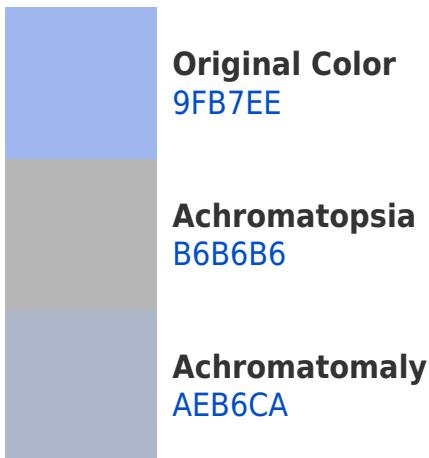
Protanopia
A8B5EC

Deuteranopia
AAB4EF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FB7EE 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 #9FB7EE looks like.

```
.text, #text, p{  
    color:#9FB7EE  
}
```

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 #9FB7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB7EE
}
```

Border

The CSS property to change the border of an element to Hex 9FB7EE 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
#9FB7EE }
```

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

```
.border{ border-color:#9FB7EE }
```

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

Here you see how a box with a 4 pixel #9FB7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB7EE; -webkit-box-shadow:4px 4px  
4px 4px #9FB7EE; box-shadow:4px 4px 4px  
4px #9FB7EE }
```

Background

The CSS property to change the background color of an element to Hex 9FB7EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB7EE }
```

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

```
.background{ background-color:#9FB7EE }
```

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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