

Converting Colors

Hex(9BB9FE)

Have a look what the booklet for
Hex(9BB9FE) contains.

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Color

Hex(9BB9FE)

Conversions

Conversions Part 1

Format	Color
Hex	9BB9FE
RGB	155, 185, 254
RGB Percent	61%, 73%, 100%
CMY	0.3922, 0.2745, 0.0039
CMYK	0.39, 0.27, 0.00, 0.00
HSL	222°, 98%, 80%
HSV	222°, 39%, 100%
XYZ	48.7559, 48.8222, 100.6199
YIQ	183.8960, -40.0290, 15.0990

Conversions

Conversions Part 2

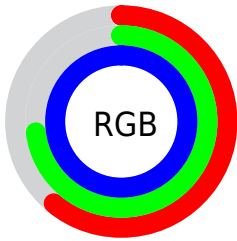
Format	Color
RYB	155, 178, 254
Decimal	10205694
CIELab	75.34, 6.54, -37.32
CIElCh	75, 37.892, 279.942
Yxy	48.8222, 0.2460, 0.2463
Android (android.graphics.Color)	4288395774 (0xFF9BB9FE)
YUV	183.8960, 34.5613, -25.3418
Hunter-Lab	69.8729, 2.2761, -36.4690

Details

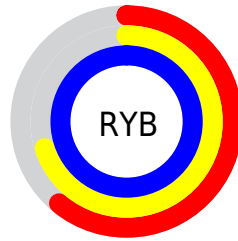
The Hex color **9BB9FE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FEE09B**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D4F1FF**, and **6384C5** is the 20% darker color. If you saturate the color by 10%, you get **82A7FE**, and if you desaturate by 10%, it is **B4CBFE**.

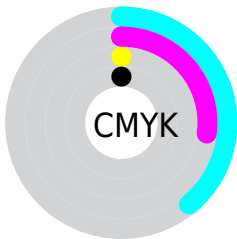
Distribution



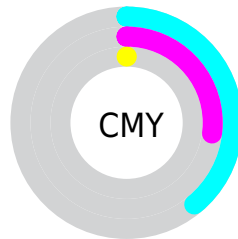
- Red (61%)
- Green (73%)
- Blue (100%)



- Red (61%)
- Yellow (70%)
- Blue (100%)



- Cyan (39%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BB9FE 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 9BB9FE by changing the saturation by 10% instead.

 9BB9FE

 9BB9FE

FFFFFF

 7F9EE1

 D4F1FF

 6384C5

 F1FFFF

 486BAA

 2A538F

 003C75

 00275C

 001344

 00032D

 000118

 9BB9FE

 9BB9FE

 82A7FE

 B4CBFE

 6896FE

 CEDCFE

 4F84FE

 E7EEFE

 3572FE

FFFFFFE

 1C60FE

 034FFE

 004DFE

Harmonies

Analogous

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



61C4FA



9BB9FE



CDACEF

Triad

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



9BB9FE



F9A48E



75CBA0

Complementary

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



9BB9FE



FEE09B

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.



9FC583



9BB9FE



E5AF78

Square

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



9BB9FE



FE9FAF



C6BB74



48CDC4

Rectangle

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



9BB9FE



E6A5DD



C6BB74



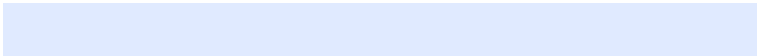
83C995

Sweetspot

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



9BB9FE



E0EAFF



9BFEDF



6E7380



000000



808080

Same Dimension

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



9BB9FE



87ABFF



AD9BFE



737780



003ABF



001340

Inverse Universe

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



FE9BB9



FF87AB



ECFE9B



807377



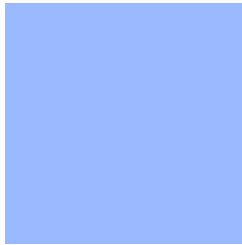
BF003A



400013

Previews

White Background



This preview shows how the Hex color 9BB9FE looks on a white background.

Color Contrast Check

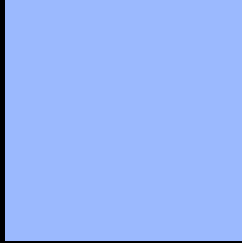
Large Text (above 18pt) WCAG AA × Fail

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 9BB9FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

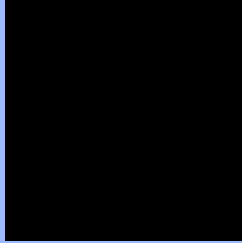
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

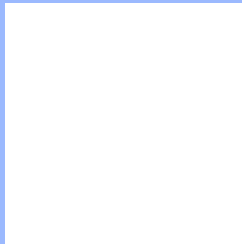
Any Text WCAG AAA ✓ Pass

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

Hex 9BB9FE Background



This preview shows how black text looks on a background with the Hex color 9BB9FE.



This preview shows how white text looks on a background with the Hex color 9BB9FE.

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
9BB9FE

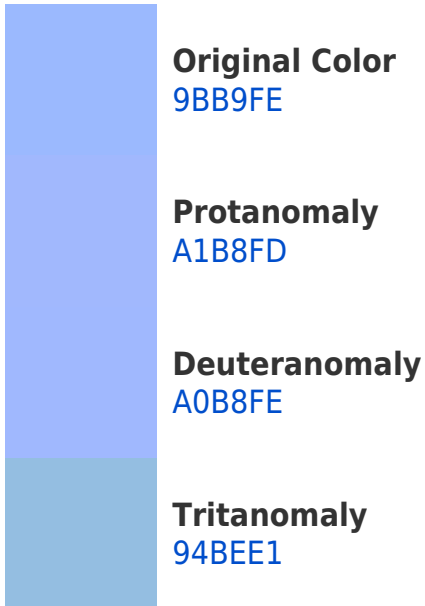
Protanopia
A5B7FC

Deuteranopia
A3B7FE



Tritanopia
90C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BB9FE 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 #9BB9FE looks like.

```
.text, #text, p{  
    color:#9BB9FE  
}
```

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 #9BB9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB9FE
}
```

Border

The CSS property to change the border of an element to Hex 9BB9FE 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
#9BB9FE }
```

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

```
.border{ border-color:#9BB9FE }
```

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

Here you see how a box with a 4 pixel #9BB9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB9FE; -webkit-box-shadow:4px 4px  
4px 4px #9BB9FE; box-shadow:4px 4px 4px  
4px #9BB9FE }
```

Background

The CSS property to change the background color of an element to Hex 9BB9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB9FE }
```

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

```
.background{ background-color:#9BB9FE }
```

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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