

# Converting Colors

Hex(99B8F7)

Have a look what the booklet for  
Hex(99B8F7) contains.

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# **Color**

**Hex(99B8F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B8F7
RGB	153, 184, 247
RGB Percent	60%, 72%, 97%
CMY	0.4000, 0.2784, 0.0314
CMYK	0.38, 0.26, 0.00, 0.03
HSL	220°, 85%, 78%
HSV	220°, 38%, 97%
XYZ	47.0659, 47.7687, 94.7353
YIQ	181.9130, -38.6990, 13.0210

# Conversions

## Conversions Part 2

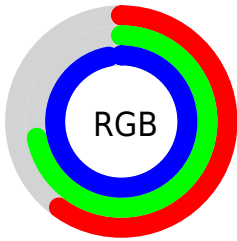
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 176, 247</a>
Decimal	<a href="#">10074359</a>
CIELab	<a href="#">74.68, 4.72, -34.59</a>
CIELCh	<a href="#">75, 34.910, 277.763</a>
Yxy	<a href="#">47.7687, 0.2483, 0.2520</a>
Android (android.graphics.Color)	<a href="#">4288264439 (0xFF99B8F7)</a>
YUV	<a href="#">181.9130, 32.0879, -25.3567</a>
Hunter-Lab	<a href="#">69.1149, 0.6039, -32.8880</a>

# Details

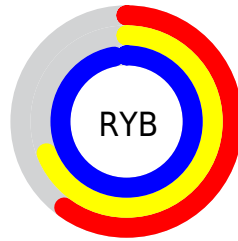
The Hex color **99B8F7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F7D899**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D2F0FF**, and **6283BE** is the 20% darker color. If you saturate the color by 10%, you get **80A7F7**, and if you desaturate by 10%, it is **B2C9F7**.

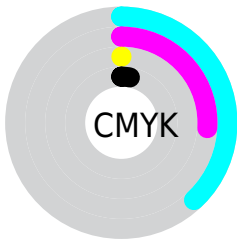
# Distribution



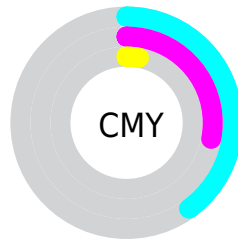
- Red (60%)
- Green (72%)
- Blue (97%)



- Red (60%)
- Yellow (69%)
- Blue (97%)



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)



- Cyan (40%)
- Magenta (28%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B8F7 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 99B8F7 by changing the saturation by 10% instead.



■ 99B8F7

■ 99B8F7

FFFFFF

■ 7D9DDA

■ D2F0FF

■ 6283BE

■ EFFFFFF

■ 466AA3

■ 295289

■ 003B6F

■ 002656

■ 00113F

■ 000328

■ 000112

■ 99B8F7

■ 99B8F7

■ 80A7F7

■ B2C9F7

■ 6897F7

■ CAD9F7

■ 4F86F7

■ E3EAF7

■ 3676F7

■ FCFAF7

■ 1D65F7

■ FFFFF7

■ 0555F7

■ 0051F7

# Harmonies

## Analogous

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



68C2F2



99B8F7



C7ACEB

# Triad

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



99B8F7



F4A492



7CC79E

# Complementary

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



99B8F7



F7D899

# 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.



A2C284



99B8F7



E2AE7D

# Square

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



99B8F7



F79FB0



C6B878



57C9BF

# Rectangle

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



99B8F7



DEA6DA



C6B878



89C694

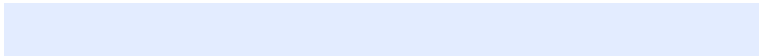


# Sweetspot

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



99B8F7



E3ECFF



99F7D8



6F7480



000000



808080



# Same Dimension

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



99B8F7



8AB0FF



A999F7



6E727A



003DBA



00133B



# Inverse Universe

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



F799B8



FF8AB0



E7F799



7A6E72



BA003D



3B0013



# Previews

## White Background



This preview shows how the Hex color 99B8F7 looks on a white background.

## Color Contrast Check

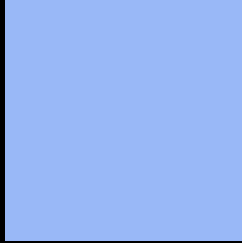
Large Text (above 18pt) WCAG AA × Fail

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 99B8F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

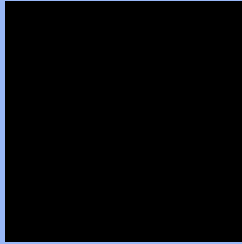
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

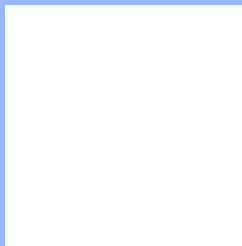
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99B8F7 Background



This preview shows how black text looks on a background with the Hex color 99B8F7.

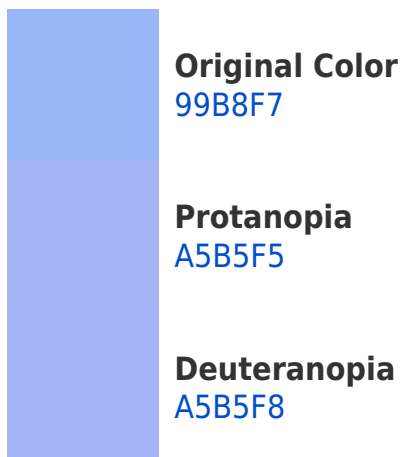


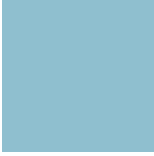
This preview shows how white text looks on a background with the Hex color 99B8F7.

# 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](#).

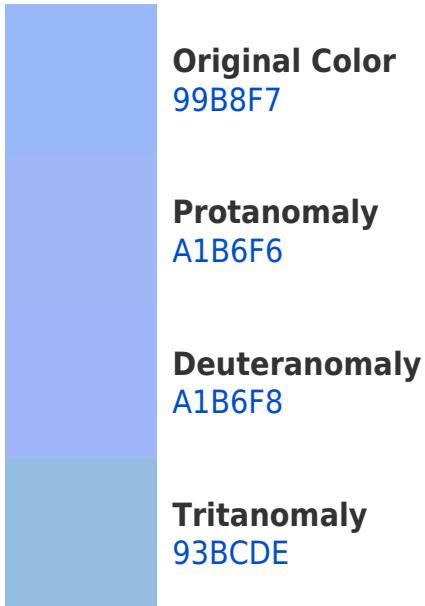
## Dichromacy



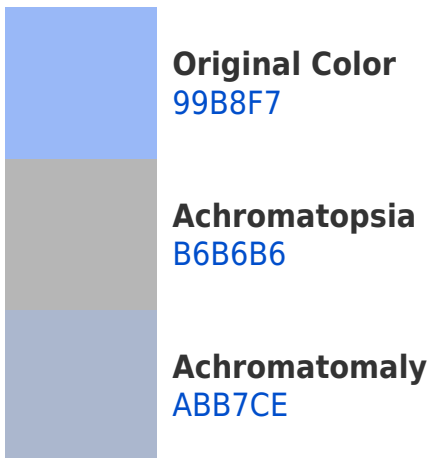


**Tritanopia**  
8FBFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B8F7 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 #99B8F7 looks like.

```
.text, #text, p{  
    color:#99B8F7  
}
```

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 #99B8F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B8F7
}
```

## Border

The CSS property to change the border of an element to Hex 99B8F7 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
#99B8F7 }
```

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

```
.border{ border-color:#99B8F7 }
```

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

Here you see how a box with a 4 pixel #99B8F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B8F7; -webkit-box-shadow:4px 4px  
4px 4px #99B8F7; box-shadow:4px 4px 4px  
4px #99B8F7 }
```

# Background

The CSS property to change the background color of an element to Hex 99B8F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B8F7 }
```

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

```
.background{ background-color:#99B8F7 }
```

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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