

Converting Colors

Hex(99B6F6)

Have a look what the booklet for
Hex(99B6F6) contains.

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Color

Hex(99B6F6)

Conversions

Conversions Part 1

Format	Color
Hex	99B6F6
RGB	153, 182, 246
RGB Percent	60%, 71%, 96%
CMY	0.4000, 0.2863, 0.0353
CMYK	0.38, 0.26, 0.00, 0.04
HSL	221°, 84%, 78%
HSV	221°, 38%, 96%
XYZ	46.4994, 46.8820, 93.7871
YIQ	180.6250, -37.8280, 13.7560

Conversions

Conversions Part 2

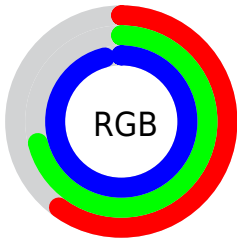
Format	Color
R _Y B	153, 175, 246
Decimal	10073846
CIE Lab	74.11, 5.56, -34.92
CIE LCh	74, 35.363, 279.038
Yxy	46.8820, 0.2484, 0.2505
Android (android.graphics.Color)	4288263926 (0xFF99B6F6)
YUV	180.6250, 32.2299, -24.2271
Hunter-Lab	68.4704, 1.3989, -33.2829

Details

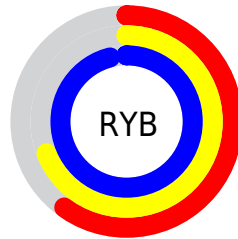
The Hex color **99B6F6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F6D999**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D2EEFF**, and **6281BD** is the 20% darker color. If you saturate the color by 10%, you get **80A5F6**, and if you desaturate by 10%, it is **B2C7F6**.

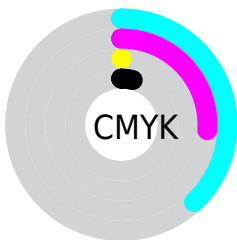
Distribution



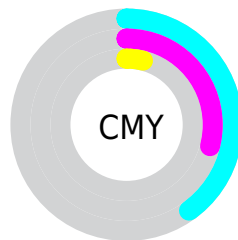
- Red (60%)
- Green (71%)
- Blue (96%)



- Red (60%)
- Yellow (69%)
- Blue (96%)



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99B6F6 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 99B6F6 by changing the saturation by 10% instead.

■ 99B6F6

FFFFFF

■ D2EEFF

■ EFFFFFF

■ 99B6F6

■ 7D9BD9

■ 6281BD

■ 4768A2

■ 2A5088

■ 003A6E

■ 002555

■ 000F3E

■ 000327

■ 000111

■ 99B6F6

■ 99B6F6

■ 80A5F6

■ B2C7F6

■ 6894F6

■ CAD8F6

■ 4F83F6

■ E3E9F6

■ 3772F6

■ FBFAF6

■ 1E61F6

■ FFFFF6

■ 0550F6

■ 004DF6

Harmonies

Analogous

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



66C0F2



99B6F6



C7AAE9

Triad

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



99B6F6



F2A28F



78C69E

Complementary

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



99B6F6



F6D999

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.



9FC083



99B6F6



E0AC7A

Square

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



99B6F6



F69DAD



C3B775



52C8BF

Rectangle

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



99B6F6



DEA3D8



C3B775



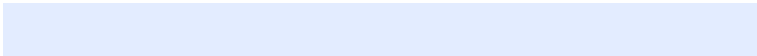
85C594

Sweetspot

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



99B6F6



E3ECFF



99F6D9



6F7480



000000



808080

Same Dimension

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



99B6F6



8CB0FF



AA99F6



6E727A



003ABA



00123B

Inverse Universe

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



F699B6



FF8CB0



E5F699



7A6E72



BA003A



3B0012

Previews

White Background



This preview shows how the Hex color 99B6F6 looks on a white background.

Color Contrast Check

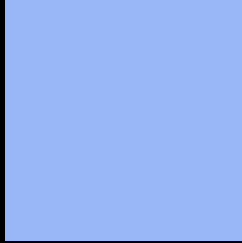
Large Text (above 18pt) WCAG AA × Fail

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 99B6F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

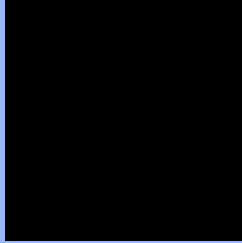
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

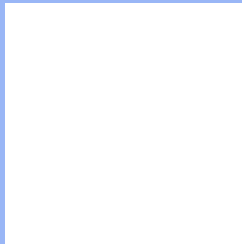
Any Text WCAG AAA ✓ Pass

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

Hex 99B6F6 Background



This preview shows how black text looks on a background with the Hex color 99B6F6.



This preview shows how white text looks on a background with the Hex color 99B6F6.

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](#).

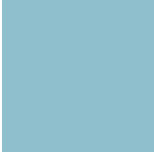
Dichromacy



Original Color
99B6F6

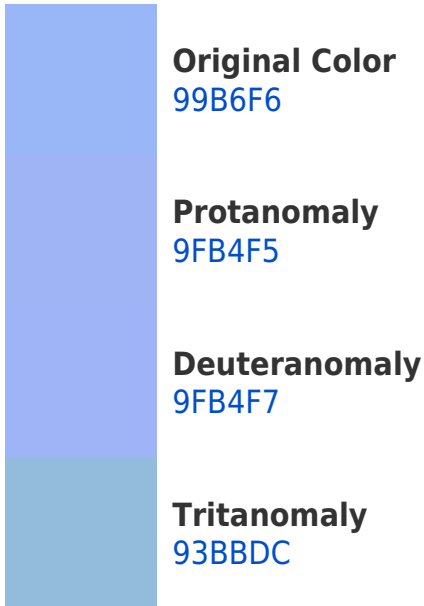
Protanopia
A3B3F4

Deuteranopia
A3B3F7

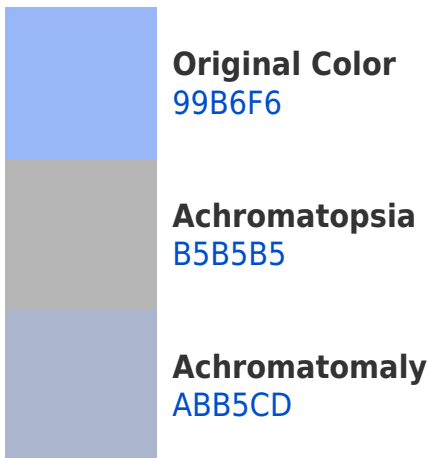


Tritanopia
8FBECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99B6F6 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 #99B6F6 looks like.

```
.text, #text, p{  
    color:#99B6F6  
}
```

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 #99B6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B6F6
}
```

Border

The CSS property to change the border of an element to Hex 99B6F6 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
#99B6F6 }
```

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

```
.border{ border-color:#99B6F6 }
```

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

Here you see how a box with a 4 pixel #99B6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B6F6; -webkit-box-shadow:4px 4px  
4px 4px #99B6F6; box-shadow:4px 4px 4px  
4px #99B6F6 }
```

Background

The CSS property to change the background color of an element to Hex 99B6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B6F6 }
```

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

```
.background{ background-color:#99B6F6 }
```

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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