

# Converting Colors

Hex(99B2F6)

Have a look what the booklet for  
Hex(99B2F6) contains.

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# **Color**

**Hex(99B2F6)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 99B2F6                      |
| RGB         | 153, 178, 246               |
| RGB Percent | 60%, 70%, 96%               |
| CMY         | 0.4000, 0.3020, 0.0353      |
| CMYK        | 0.38, 0.28, 0.00, 0.04      |
| HSL         | 224°, 84%, 78%              |
| HSV         | 224°, 38%, 96%              |
| XYZ         | 45.6918, 45.2669, 93.5179   |
| YIQ         | 178.2770, -36.7280, 15.8480 |

# Conversions

## Conversions Part 2

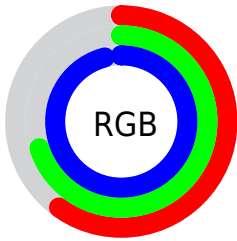
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">153, 173, 246</a>                   |
| Decimal                             | <a href="#">10072822</a>                        |
| CIELab                              | <a href="#">73.07, 7.77, -36.55</a>             |
| CIElCh                              | <a href="#">73, 37.365, 282.008</a>             |
| Yxy                                 | <a href="#">45.2669, 0.2477,<br/>0.2454</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288262902<br/>(0xFF99B2F6)</a>     |
| YUV                                 | <a href="#">178.2770, 33.3874,<br/>-22.1679</a> |
| Hunter-Lab                          | <a href="#">67.2807, 3.4821,<br/>-35.3147</a>   |

# Details

The Hex color **99B2F6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F6DD99**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D2EAF6**, and **627EBD** is the 20% darker color. If you saturate the color by 10%, you get **80A0F6**, and if you desaturate by 10%, it is **B2C4F6**.

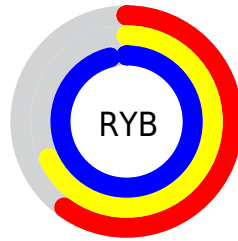
# Distribution



Red (60%)

Green (70%)

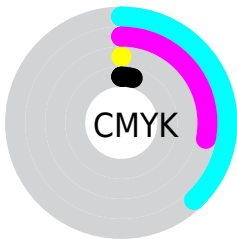
Blue (96%)



Red (60%)

Yellow (68%)

Blue (96%)

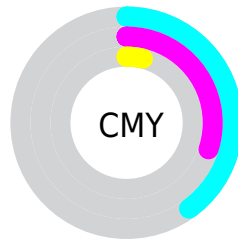


Cyan (38%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (40%)

Magenta (30%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B2F6 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 99B2F6 by changing the saturation by 10% instead.



 99B2F6

 99B2F6

FFFFFF

 7D97D9

 D2EAFF

 627EBD

 EFFFFFF

 4765A2

 2A4D88

 00376E

 002255

 000B3E

 000327

 000111

■ 99B2F6

■ 99B2F6

■ 80A0F6

■ B2C4F6

■ 688EF6

■ CAD6F6

■ 4F7CF6

■ E3E8F6

■ 376AF6

■ FBFAF6

■ 1E58F6

■ FFFFF6

■ 0546F6

■ 0042F6

# Harmonies

## Analogous

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



60BDF4



99B2F6



C9A6E6

# Triad

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



99B2F6



F19F87



6DC49D

# Complementary

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



99B2F6



F6DD99

# 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.



97BF7F



99B2F6



DCAA73

# Square

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



99B2F6



F699A7



BDB670



40C6C0

# Rectangle

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



99B2F6



E19ED4



BDB670



7BC392



# Sweetspot

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



99B2F6



E3EAFF



99F6DC



6F7380



000000



808080



# Same Dimension

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



99B2F6



8CABFF



AD99F6



6E717A



0032BA



00103B



# Inverse Universe

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



F699B2



FF8CAB



E2F699



7A6E71



BA0032



3B0010



# Previews

## White Background



This preview shows how the Hex color 99B2F6 looks on a white background.

## Color Contrast Check

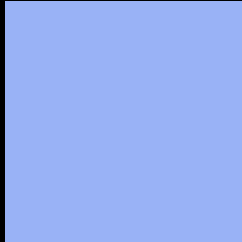
Large Text (above 18pt) WCAG AA × Fail

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 99B2F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

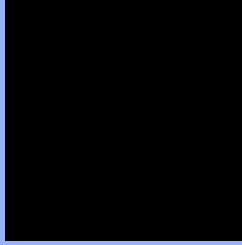
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99B2F6 Background



This preview shows how black text looks on a background with the Hex color 99B2F6.



This preview shows how white text looks on a background with the Hex color 99B2F6.

# 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](#).

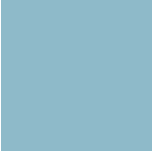
## Dichromacy



**Original Color**  
99B2F6

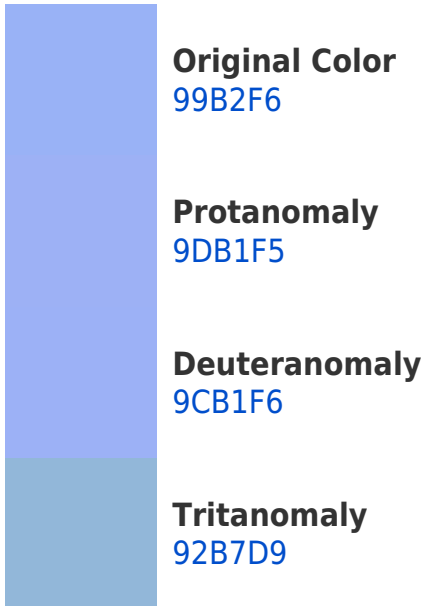
**Protanopia**  
9FB1F5

**Deuteranopia**  
9EB1F6

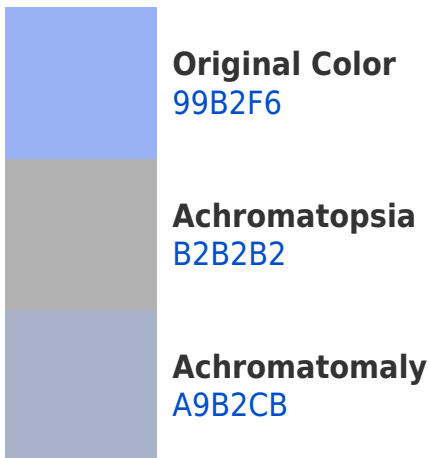


**Tritanopia**  
8EBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B2F6 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 #99B2F6 looks like.

```
.text, #text, p{  
    color:#99B2F6  
}
```

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 #99B2F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B2F6  
}
```

## Border

The CSS property to change the border of an element to Hex 99B2F6 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  
#99B2F6 }
```

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

```
.border{ border-color:#99B2F6 }
```

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

Here you see how a box with a 4 pixel #99B2F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B2F6; -webkit-box-shadow:4px 4px  
4px 4px #99B2F6; box-shadow:4px 4px 4px  
4px #99B2F6 }
```

# Background

The CSS property to change the background color of an element to Hex 99B2F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B2F6 }
```

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

```
.background{ background-color:#99B2F6 }
```

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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