

# Converting Colors

Hex(99B4F4)

Have a look what the booklet for  
Hex(99B4F4) contains.

<b>Hex(99B4F4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(99B4F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B4F4
RGB	153, 180, 244
RGB Percent	60%, 71%, 96%
CMY	0.4000, 0.2941, 0.0431
CMYK	0.37, 0.26, 0.00, 0.04
HSL	222°, 81%, 78%
HSV	222°, 37%, 96%
XYZ	45.7873, 45.9465, 92.0433
YIQ	179.2230, -36.6360, 14.1800

# Conversions

## Conversions Part 2

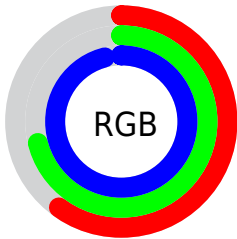
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 174, 244
Decimal	10073332
CIE Lab	73.51, 6.13, -34.78
CIE LCh	74, 35.315, 280.004
Yxy	45.9465, 0.2491, 0.2500
Android (android.graphics.Color)	4288263412 (0xFF99B4F4)
YUV	179.2230, 31.9351, -22.9976
Hunter-Lab	67.7838, 1.9532, -33.0609

# Details

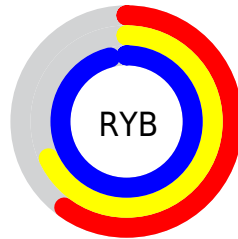
The Hex color **99B4F4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4D999**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D2ECFF**, and **627FBC** is the 20% darker color. If you saturate the color by 10%, you get **81A3F4**, and if you desaturate by 10%, it is **B1C5F4**.

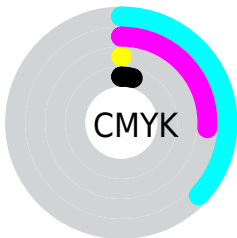
# Distribution



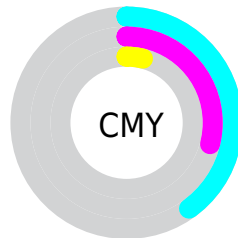
- Red (60%)
- Green (71%)
- Blue (96%)



- Red (60%)
- Yellow (68%)
- Blue (96%)



- Cyan (37%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B4F4 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 99B4F4 by changing the saturation by 10% instead.



 99B4F4

 99B4F4

FFFFFF

 7D99D7

 D2ECFF

 627FBC

 EFFFFFF

 4767A0

 2A4F86

 02386C

 002354

 000D3C

 000226

 00010F

■ 99B4F4

■ 99B4F4

■ 81A3F4

■ B1C5F4

■ 6892F4

■ CAD6F4

■ 5081F4

■ E2E7F4

■ 376FF4

■ FBF9F4

■ 1F5EF4

■ FFFFF4

■ 074DF4

■ 0048F4

# Harmonies

## Analogous

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



66BEF1



99B4F4



C7A8E6

# Triad

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



99B4F4



F0A18C



75C49D

# Complementary

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



99B4F4



F4D999

# 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.



9CBF82



99B4F4



DDAB78

# Square

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



99B4F4



F49CAB



C0B674



50C6BF

# Rectangle

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



99B4F4



DEA1D5



C0B674



82C393



# Sweetspot

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



99B4F4



E3EBFF



99F4D9



6F7480



000000



808080



# Same Dimension

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



99B4F4



8CAEFF



AB99F4



6E727A



0037BA



00113B



# Inverse Universe

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



F499B4



FF8CAE



E2F499



7A6E72



BA0037

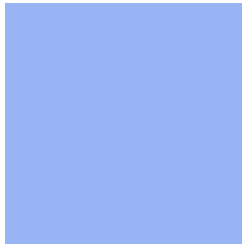


3B0011



# Previews

## White Background



This preview shows how the Hex color 99B4F4 looks on a white background.

## Color Contrast Check

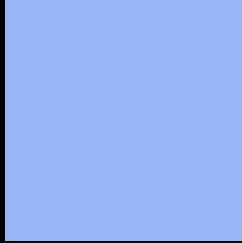
Large Text (above 18pt) WCAG AA × Fail

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 99B4F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

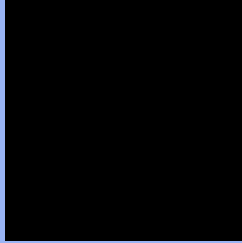
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

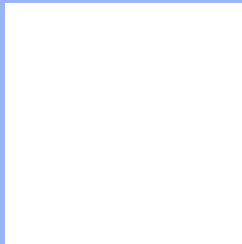
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99B4F4 Background



This preview shows how black text looks on a background with the Hex color 99B4F4.



This preview shows how white text looks on a background with the Hex color 99B4F4.

# 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](#).

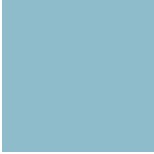
## Dichromacy



**Original Color**  
99B4F4

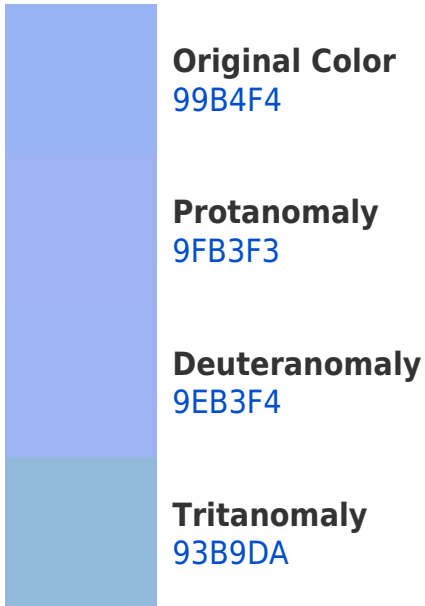
**Protanopia**  
A2B2F2

**Deuteranopia**  
A1B2F4

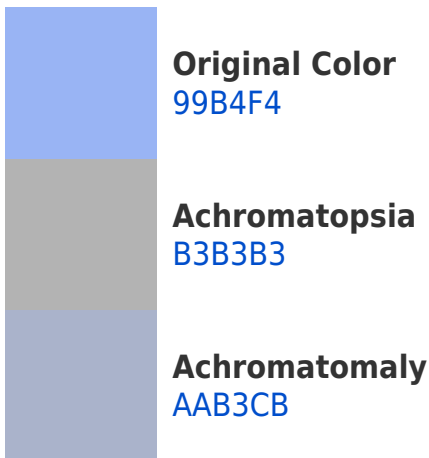


**Tritanopia**  
8FBCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B4F4 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 #99B4F4 looks like.

```
.text, #text, p{  
    color:#99B4F4  
}
```

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 #99B4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B4F4
}
```

## Border

The CSS property to change the border of an element to Hex 99B4F4 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
#99B4F4 }
```

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

```
.border{ border-color:#99B4F4 }
```

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

Here you see how a box with a 4 pixel #99B4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B4F4; -webkit-box-shadow:4px 4px  
4px 4px #99B4F4; box-shadow:4px 4px 4px  
4px #99B4F4 }
```

# Background

The CSS property to change the background color of an element to Hex 99B4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B4F4 }
```

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

```
.background{ background-color:#99B4F4 }
```

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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