

# Converting Colors

Hex(99C2FB)

Have a look what the booklet for  
Hex(99C2FB) contains.

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# **Color**

**Hex(99C2FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99C2FB
RGB	153, 194, 251
RGB Percent	60%, 76%, 98%
CMY	0.4000, 0.2392, 0.0157
CMYK	0.39, 0.23, 0.00, 0.02
HSL	215°, 92%, 79%
HSV	215°, 39%, 98%
XYZ	49.8412, 52.3209, 98.7388
YIQ	188.2390, -42.7330, 9.0350

# Conversions

## Conversions Part 2

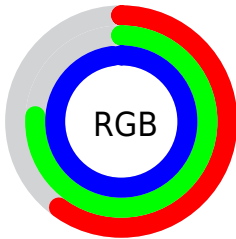
Format	Color
R <sub>Y</sub> B	153, 182, 251
Decimal	10076923
CIE Lab	77.47, 0.30, -32.43
CIE LCh	77, 32.428, 270.533
Yxy	52.3209, 0.2481, 0.2604
Android (android.graphics.Color)	4288267003 (0xFF99C2FB)
YUV	188.2390, 30.9412, -30.9046
Hunter-Lab	72.3332, -3.5875, -30.3009

# Details

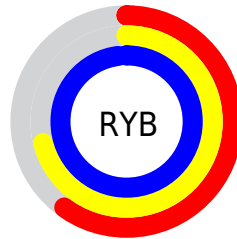
The Hex color **99C2FB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FBD299**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D2FAFF**, and **628DC2** is the 20% darker color. If you saturate the color by 10%, you get **80B3FB**, and if you desaturate by 10%, it is **B2D1FB**.

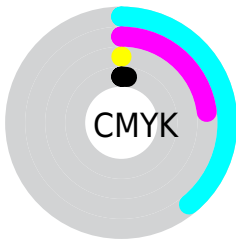
# Distribution



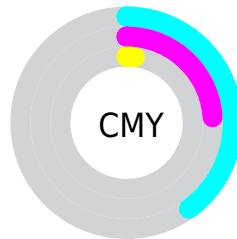
- Red (60%)
- Green (76%)
- Blue (98%)



- Red (60%)
- Yellow (71%)
- Blue (98%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (24%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99C2FB 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 99C2FB by changing the saturation by 10% instead.



 99C2FB

 99C2FB

FFFFFF

 7DA7DE

 D2FAFF

 628DC2

 EFFFFFF

 4673A7

 285B8C

 004473

 002E5A

 001942

 00032C

 000116

 99C2FB

 99C2FB

 80B3FB

 B2D1FB

 67A5FB

 CBDFFB

 4E96FB

 E4EEFB

 3588FB

 FDFCFB

 1C79FB

 FFFFFB

 026AFB

 0069FB

# Harmonies

## Analogous

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



70CAF3



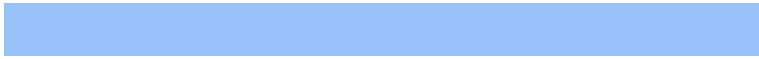
99C2FB



C4B7F3

# Triad

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



99C2FB



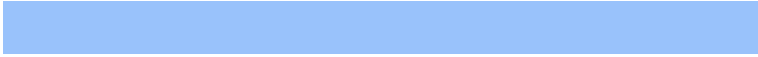
FBABA2



91CDA1

# Complementary

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



99C2FB



FBD299

# 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.



B4C78B



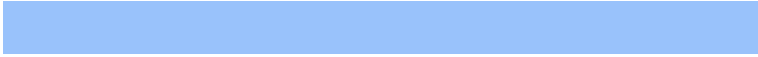
99C2FB



EDB38C

# Square

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



99C2FB



F9A9C0



D4BE83



70D0BF

# Rectangle

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



99C2FB



DCB1E6



D4BE83

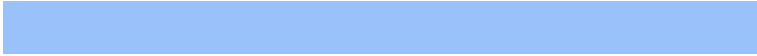


9DCB98

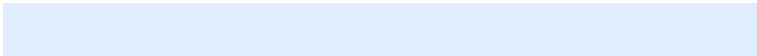


# Sweetspot

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



99C2FB



E0EDFF



99FBD1



6E7580



000000

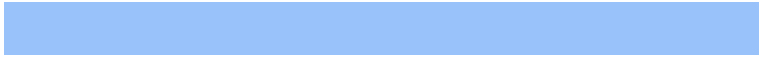


808080

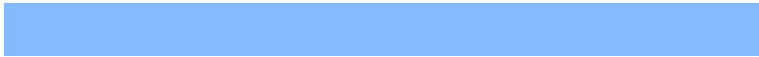


# Same Dimension

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



99C2FB



87B9FF



A099FB



70767D



004FBD



001A3D



# Inverse Universe

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



FB99C2



FF87B9



F4FB99



7D7076



BD004F



3D001A



# Previews

## White Background



This preview shows how the Hex color 99C2FB looks on a white background.

## Color Contrast Check

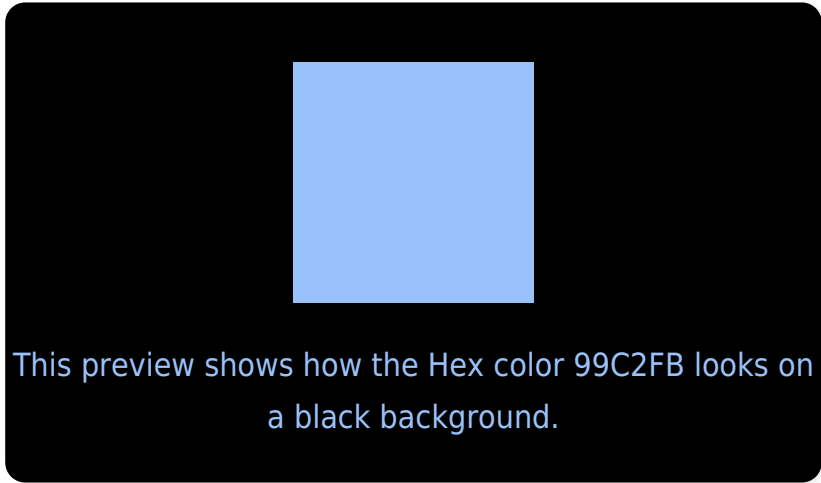
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

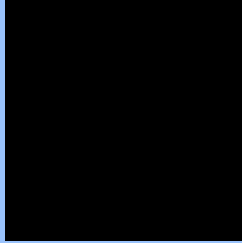
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

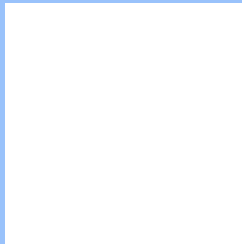
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99C2FB Background



This preview shows how black text looks on a background with the Hex color 99C2FB.



This preview shows how white text looks on a background with the Hex color 99C2FB.

# 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](#).

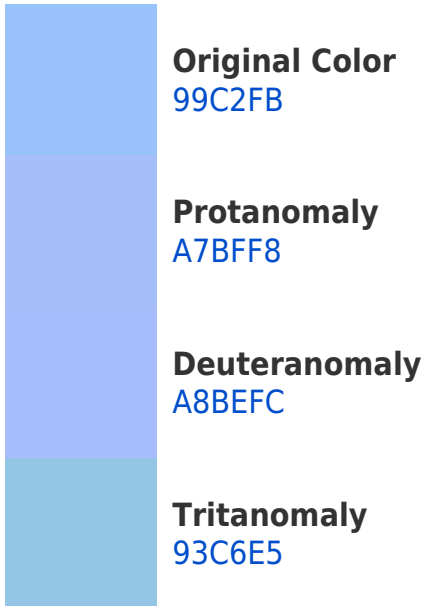
## Dichromacy



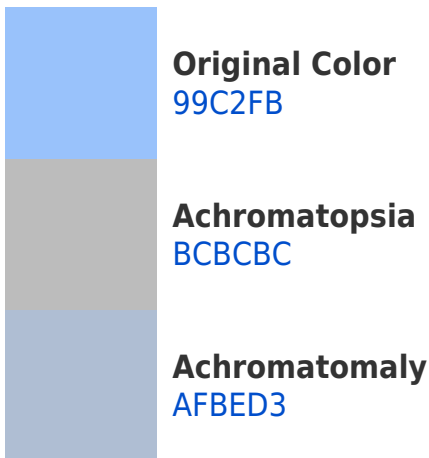


**Tritanopia**  
90C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99C2FB 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 #99C2FB looks like.

```
.text, #text, p{  
    color:#99C2FB  
}
```

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 #99C2FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C2FB
}
```

## Border

The CSS property to change the border of an element to Hex 99C2FB 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
#99C2FB }
```

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

```
.border{ border-color:#99C2FB }
```

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

Here you see how a box with a 4 pixel #99C2FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C2FB; -webkit-box-shadow:4px 4px  
4px 4px #99C2FB; box-shadow:4px 4px 4px  
4px #99C2FB }
```

# Background

The CSS property to change the background color of an element to Hex 99C2FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C2FB }
```

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

```
.background{ background-color:#99C2FB }
```

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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