

# Converting Colors

Hex(99AEFA)

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

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# **Color**

**Hex(99AEFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99AEFA
RGB	153, 174, 250
RGB Percent	60%, 68%, 98%
CMY	0.4000, 0.3176, 0.0196
CMYK	0.39, 0.30, 0.00, 0.02
HSL	227°, 91%, 79%
HSV	227°, 39%, 98%
XYZ	45.5282, 43.9465, 96.5254
YIQ	176.3850, -36.9120, 19.1840

# Conversions

## Conversions Part 2

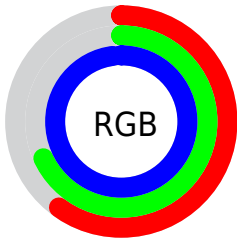
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 170, 250</a>
Decimal	<a href="#">10071802</a>
CIELab	<a href="#">72.19, 11.08, -40.07</a>
CIELCh	<a href="#">72, 41.574, 285.451</a>
Yxy	<a href="#">43.9465, 0.2448, 0.2363</a>
Android (android.graphics.Color)	<a href="#">4288261882 (0xFF99AEFA)</a>
YUV	<a href="#">176.3850, 36.2922, -20.5086</a>
Hunter-Lab	<a href="#">66.2922, 6.5792, -39.9253</a>

# Details

The Hex color **99AEFA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **FAE599**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D2E5FF**, and **627AC1** is the 20% darker color. If you saturate the color by 10%, you get **809AFA**, and if you desaturate by 10%, it is **B2C2FA**.

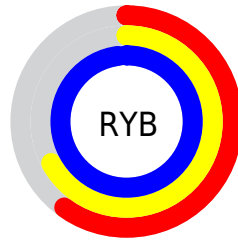
# Distribution



Red (60%)

Green (68%)

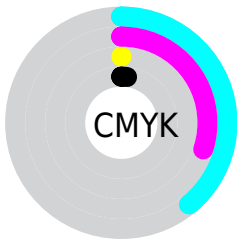
Blue (98%)



Red (60%)

Yellow (67%)

Blue (98%)

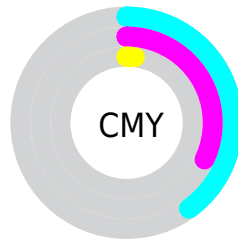


Cyan (39%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (40%)

Magenta (32%)

Yellow (2%)

# Brightness & Saturation Gradients

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



 99AEFA

 99AEFA

FFFFFF

 7D94DD

 D2E5FF

 627AC1

 EFFFFFF

 4661A6

 284A8B

 003371

 001F58

 000641

 00032A

 000114

 99AEFA

 99AEFA

 809AFA

 B2C2FA

 6787FA

 CBD5FA

 4E73FA

 E4E9FA

 3560FA

 FDFCFA

 1C4CFA

 FFFFFA

 0338FA

 0036FA

# Harmonies

## Analogous

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



53BAFA



99AEFA



CEA0E7

# Triad

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



99AEFA



F29B7D



59C49D

# Complementary

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



99AEFA



FAE599

# 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.



8BBE7A



99AEFA



DAA867

# Square

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



99AEFA



FB939F



B6B566



00C5C4

# Rectangle

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



99AEFA



E698D1



B6B566



6BC390



# Sweetspot

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



99AEFA



E0E7FF



99FAE5



6E7280



000000



808080



# Same Dimension

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



99AEFA



87A1FF



B499FA



70737D



0029BD



000D3D



# Inverse Universe

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



FA99AE



FF87A1



DFFA99



7D7073



BD0029

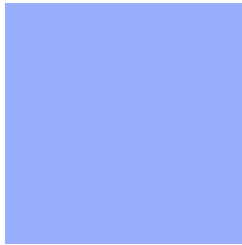


3D000D



# Previews

## White Background



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

## Color Contrast Check

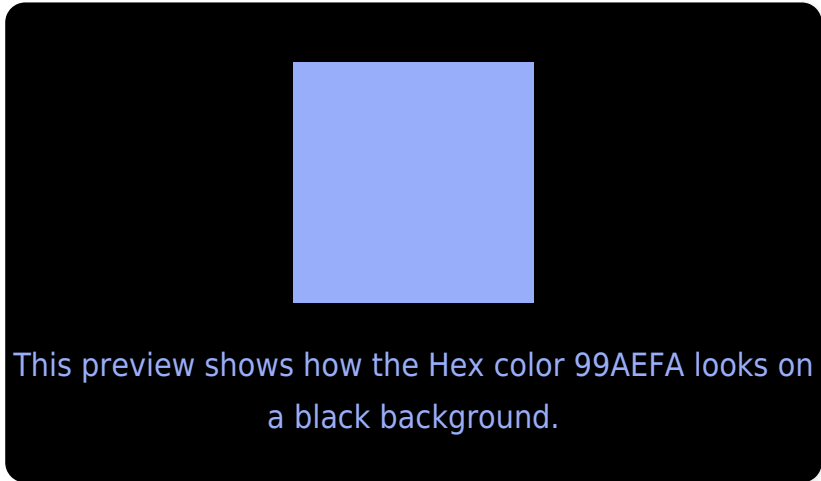
Large Text (above 18pt) WCAG AA × Fail

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 99AEFA Background



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



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

# 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](#).

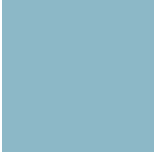
## Dichromacy



**Original Color**  
99AEFA

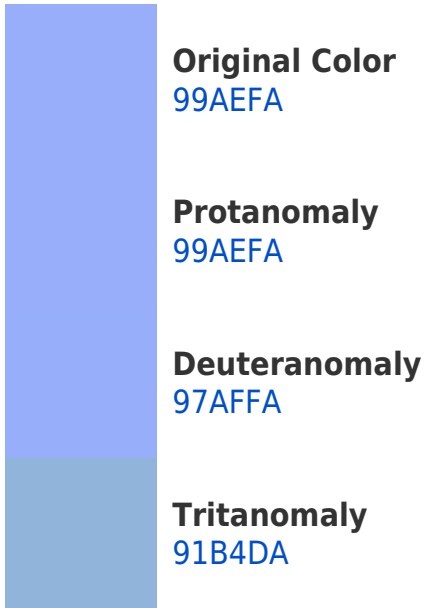
**Protanopia**  
99AEFA

**Deuteranopia**  
96AFFA

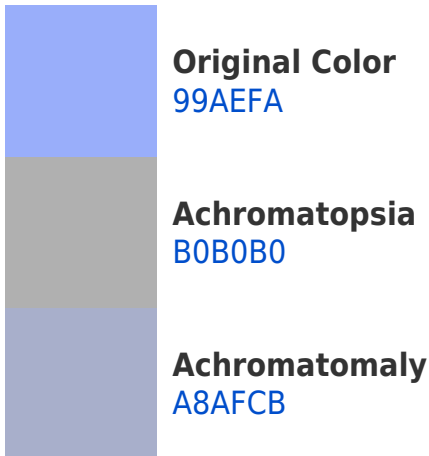


**Tritanopia**  
8CB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #99AEFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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