

# Converting Colors

Hex(99AFEB)

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

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# **Color**

**Hex(99AFEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99AFEB
RGB	153, 175, 235
RGB Percent	60%, 69%, 92%
CMY	0.4000, 0.3137, 0.0784
CMYK	0.35, 0.26, 0.00, 0.08
HSL	224°, 67%, 76%
HSV	224°, 35%, 92%
XYZ	43.4622, 43.4304, 84.6895
YIQ	175.2620, -32.3720, 13.9960

# Conversions

## Conversions Part 2

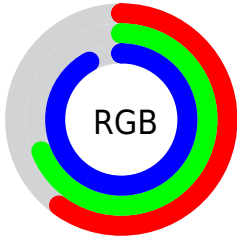
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 170, 235</a>
Decimal	<a href="#">10072043</a>
CIELab	<a href="#">71.85, 6.56, -32.47</a>
CIELCh	<a href="#">72, 33.127, 281.422</a>
Yxy	<a href="#">43.4304, 0.2533, 0.2531</a>
Android (android.graphics.Color)	<a href="#">4288262123 (0xFF99AFEB)</a>
YUV	<a href="#">175.2620, 29.4508, -19.5238</a>
Hunter-Lab	<a href="#">65.9018, 2.3928, -30.0616</a>

# Details

The Hex color **99AFEB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EBD599**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D1E6FF**, and **637BB3** is the 20% darker color. If you saturate the color by 10%, you get **829EEB**, and if you desaturate by 10%, it is **B1C0EB**.

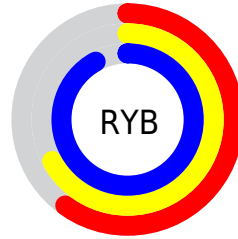
# Distribution



Red (60%)

Green (69%)

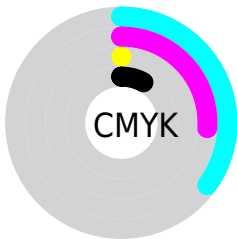
Blue (92%)



Red (60%)

Yellow (67%)

Blue (92%)

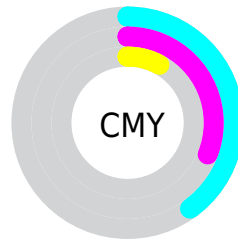


Cyan (35%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (40%)

Magenta (31%)

Yellow (8%)

# Brightness & Saturation Gradients

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



■ 99AFEB

■ 99AFEB

FFFFFF

■ 7E94CF

■ D1E6FF

■ 637BB3

■ EEEFFF

■ 486298

■ 2D4A7E

■ 0C3465

■ 001F4C

■ 000635

■ 00021F

■ 000003

■ 99AFEB

■ 99AFEB

■ 829EEB

■ B1C0EB

■ 6A8DEB

■ C8D1EB

■ 527BEB

■ DFE3EB

■ 3B6AEB

■ F7F4EB

■ 2359EB

■ FFFFEB

■ 0C48EB

■ 003FEB

# Harmonies

## Analogous

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



6BB8E9



99AFEB



C3A4DE

# Triad

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



99AFEB



E89E89



74BF9C

# Complementary

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



99AFEB



EBD599

# 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.



98BA82



99AFEB



D5A877

# Square

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



99AFEB



EC99A5



B9B274



53C1BB

# Rectangle

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



99AFEB



D89ECD



B9B274



80BE92



# Sweetspot

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



99AFEB



E6ECFF



99EBD4



707480



000000



808080



# Same Dimension

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



99AFEB



94B1FF



AB99EB



6A6D75



0031B5



000E36



# Inverse Universe

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



EB99AF



FF94B1



D9EB99



756A6D



B50031

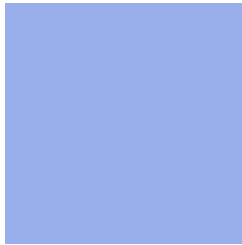


36000E



# Previews

## White Background



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

## Color Contrast Check

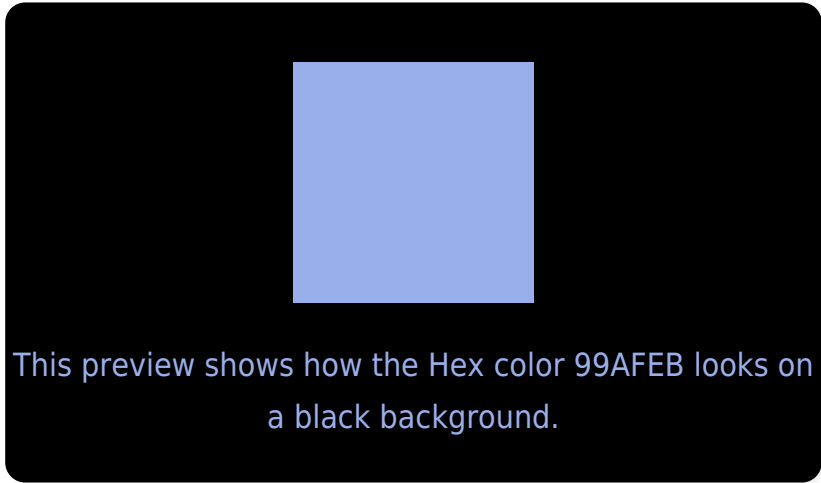
Large Text (above 18pt) WCAG AA × Fail

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

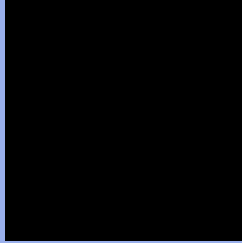
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

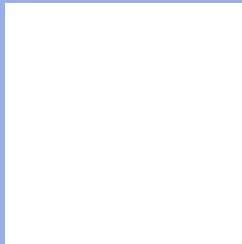
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99AFEB Background



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



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

# 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](#).

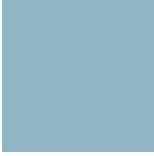
## Dichromacy



**Original Color**  
99AFEB

**Protanopia**  
9FAEEA

**Deuteranopia**  
A0ADEB

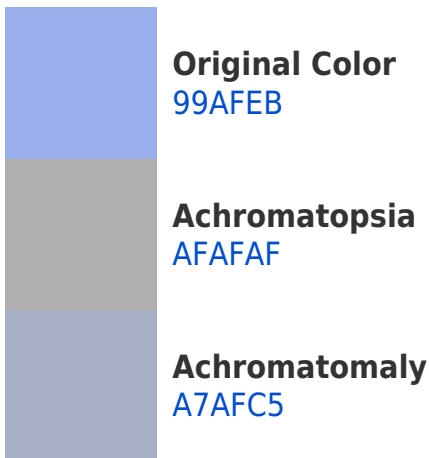


**Tritanopia**  
90B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #99AFEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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