

# Converting Colors

Hex(99ABFE)

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

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# **Color**

**Hex(99ABFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99ABFE
RGB	153, 171, 254
RGB Percent	60%, 67%, 100%
CMY	0.4000, 0.3294, 0.0039
CMYK	0.40, 0.33, 0.00, 0.00
HSL	229°, 98%, 80%
HSV	229°, 40%, 100%
XYZ	45.5892, 43.0539, 99.6734
YIQ	175.0800, -37.3710, 21.9970

# Conversions

## Conversions Part 2

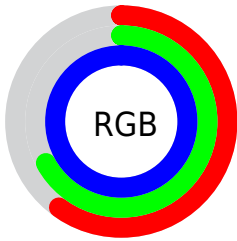
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 168, 254</a>
Decimal	<a href="#">10071038</a>
CIELab	<a href="#">71.59, 13.84, -43.17</a>
CIELCh	<a href="#">72, 45.339, 287.776</a>
Yxy	<a href="#">43.0539, 0.2421, 0.2286</a>
Android (android.graphics.Color)	<a href="#">4288261118</a> ( <a href="#">0xFF99ABFE</a> )
YUV	<a href="#">175.0800, 38.9076, -19.3642</a>
Hunter-Lab	<a href="#">65.6155, 9.1935, -44.1338</a>

# Details

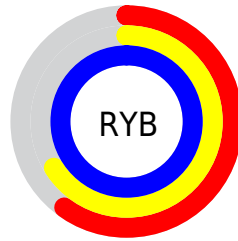
The Hex color **99ABFE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FEEC99**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D2E2FF**, and **6177C5** is the 20% darker color. If you saturate the color by 10%, you get **8096FE**, and if you desaturate by 10%, it is **B2C0FE**.

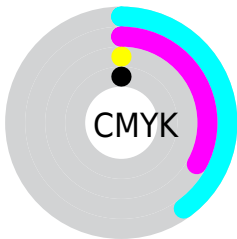
# Distribution



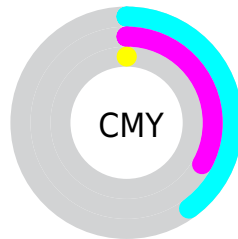
- Red (60%)
- Green (67%)
- Blue (100%)



- Red (60%)
- Yellow (66%)
- Blue (100%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 99ABFE

FFFFFF

 D2E2FF

 F0FFFF

 99ABFE

 7D91E1

 6177C5

 455FA9

 26478F

 003175

 001D5B

 000244

 00032C

 000117

 99ABFE

 99ABFE

 8096FE

 B2C0FE

 6681FE

 CCD5FE

 4D6CFE


 E5EAFE

 3358FE

FFFEFE

 1A43FE

FFFFFFE

 012EFE

 002DFE

# Harmonies

## Analogous

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



45B9FF



99ABFE



D29BE7

# Triad

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



99ABFE



F49974



44C49C

# Complementary

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



99ABFE



FEEC99

# 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.



82BE76



99ABFE



D8A75E

# Square

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



99ABFE



FF8F98



B1B55E



00C5C7

# Rectangle

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



99ABFE



EB93D0



B1B55E



5CC38F



# Sweetspot

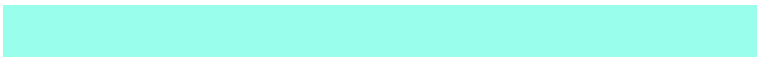
The Sweet Spot groups the original color and five complimentary colors.



99ABFE



E0E6FF



99FEEB



6E7180



000000



808080



# Same Dimension

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



99ABFE



859AFF



B999FE



737580



0022BF



000B40



# Inverse Universe

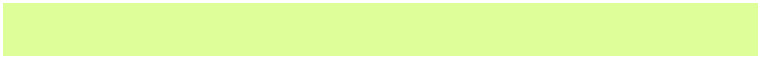
The Inverse Universe completely reimagines the original color for something new.



FE99AB



FF859A



DEFE99



807375



BF0022

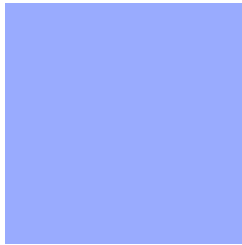


40000B



# Previews

## White Background



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

## Color Contrast Check

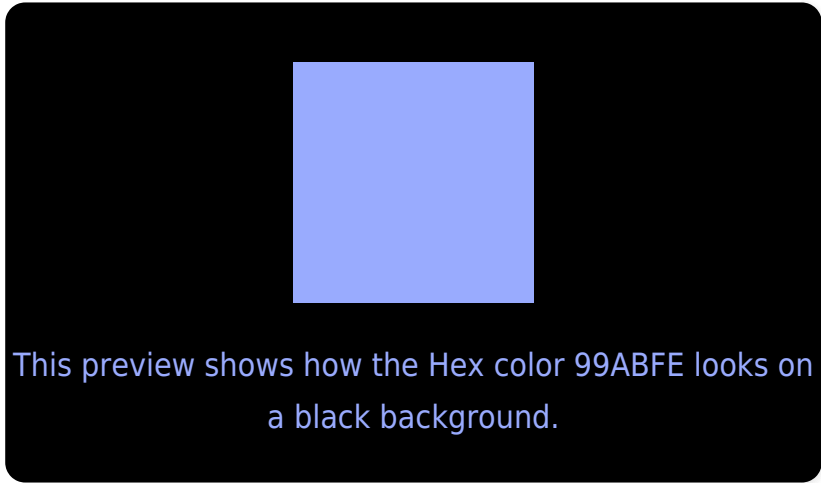
Large Text (above 18pt) WCAG AA × Fail

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 99ABFE Background



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



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

# 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**  
99ABFE

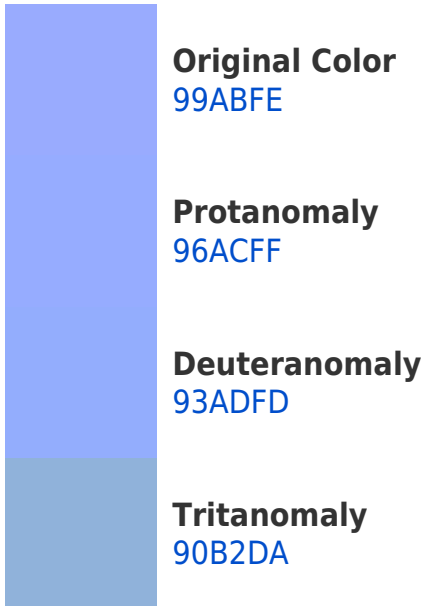
**Protanopia**  
94ACFF

**Deuteranopia**  
90AEFD

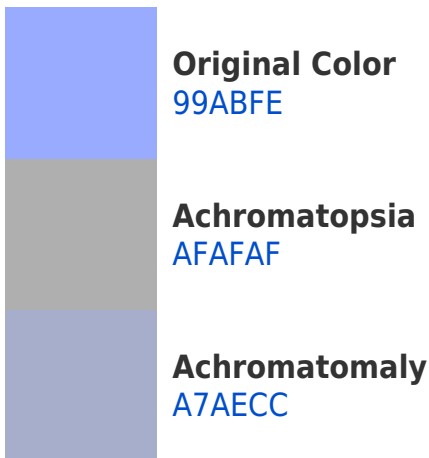


**Tritanopia**  
8BB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #99ABFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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