

# Converting Colors

Hex(97AEFE)

Have a look what the booklet for  
Hex(97AEFE) contains.

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# **Color**

**Hex(97AEFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97AEFE
RGB	151, 174, 254
RGB Percent	59%, 68%, 100%
CMY	0.4078, 0.3176, 0.0039
CMYK	0.41, 0.31, 0.00, 0.00
HSL	227°, 98%, 79%
HSV	227°, 41%, 100%
XYZ	45.7879, 44.0072, 99.8469
YIQ	176.2430, -39.3880, 20.0040

# Conversions

## Conversions Part 2

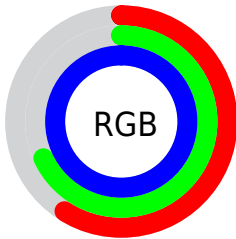
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	151, 170, 254
Decimal	9940734
CIELab	72.23, 11.64, -42.18
CIELCh	72, 43.758, 285.431
Yxy	44.0072, 0.2414, 0.2321
Android (android.graphics.Color)	4288130814 (0xFF97AEFE)
YUV	176.2430, 38.3342, -22.1381
Hunter-Lab	66.3379, 7.1135, -42.8024

# Details

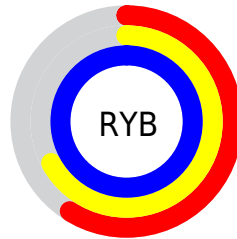
The Hex color **97AEFE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FEE797**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D0E5FF**, and **5F7AC5** is the 20% darker color. If you saturate the color by 10%, you get **7E9AFE**, and if you desaturate by 10%, it is **B0C2FE**.

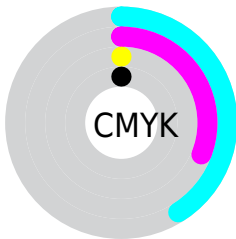
# Distribution



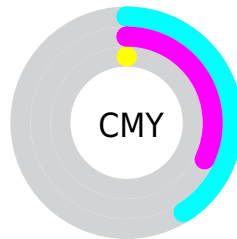
- Red (59%)
- Green (68%)
- Blue (100%)



- Red (59%)
- Yellow (67%)
- Blue (100%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (32%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97AEFE 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 97AEFE by changing the saturation by 10% instead.



 97AEFE

 97AEFE

FFFFFF

 7B94E1

 D0E5FF

 5F7AC5

 EEEFFF

 4261A9


 234A8F

 003475

 001F5C

 000644

 00032D

 000117

 97AEFE

 97AEFE

 7E9AFE


 B0C2FE

 6487FE

 CAD5FE

 4B73FE

 E3E9FE

 315FFE

 FDFDFE

 184BFE

FFFFFFE

 0039FE

# Harmonies

## Analogous

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



48BBFE



97AEFE



CF9FEA

# Triad

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



97AEFE



F59A7A



52C59C

# Complementary

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



97AEFE



FEE797

# 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.



89BF77



97AEFE



DBA863

# Square

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



97AEFE



FE929E



B6B562



00C6C5

# Rectangle

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



97AEFE



E996D3



B6B562



66C38E



# Sweetspot

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



97AEFE



E0E7FF



97FEE6



6E7280



000000



808080



# Same Dimension

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



97AEFE



829EFF



B297FE



737680



002BBF



000E40



# Inverse Universe

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



FE97AE



FF829E



E3FE97



807376



BF002B

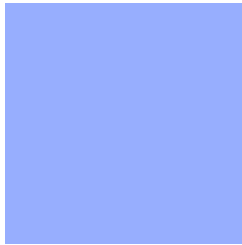


40000E



# Previews

## White Background



This preview shows how the Hex color 97AEFE looks on a white background.

## Color Contrast Check

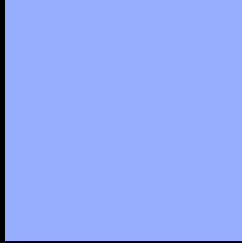
Large Text (above 18pt) WCAG AA × Fail

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 97AEFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

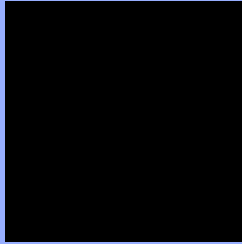
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97AEFE Background



This preview shows how black text looks on a background with the Hex color 97AEFE.



This preview shows how white text looks on a background with the Hex color 97AEFE.

# 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](#).

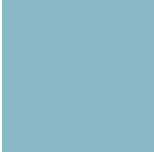
## Dichromacy



**Original Color**  
97AEFE

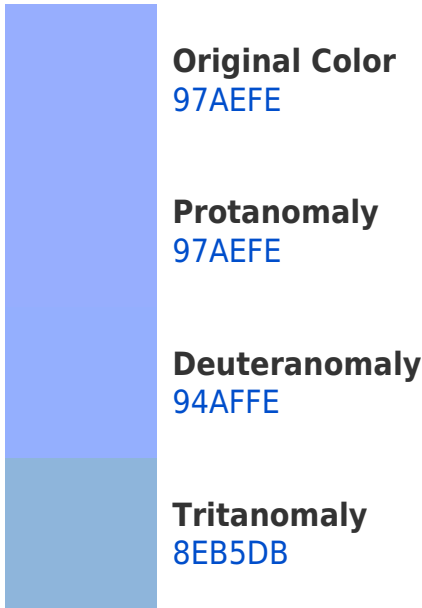
**Protanopia**  
97AEFE

**Deuteranopia**  
93AFFE

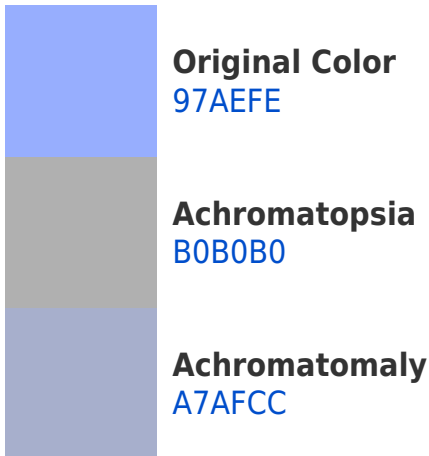


**Tritanopia**  
89B9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97AEFE 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 #97AEFE looks like.

```
.text, #text, p{  
    color:#97AEFE  
}
```

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 #97AEFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97AEFE
}
```

## Border

The CSS property to change the border of an element to Hex 97AEFE 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
#97AEFE }
```

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

```
.border{ border-color:#97AEFE }
```

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

Here you see how a box with a 4 pixel #97AEFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97AEFE; -webkit-box-shadow:4px 4px  
4px 4px #97AEFE; box-shadow:4px 4px 4px  
4px #97AEFE }
```

# Background

The CSS property to change the background color of an element to Hex 97AEFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97AEFE }
```

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

```
.background{ background-color:#97AEFE }
```

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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