

# Converting Colors

Hex(97AFE8)

Have a look what the booklet for  
Hex(97AFE9) contains.

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# **Color**

**Hex(97AFE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97AFEA
RGB	151, 175, 234
RGB Percent	59%, 69%, 92%
CMY	0.4078, 0.3137, 0.0824
CMYK	0.35, 0.25, 0.00, 0.08
HSL	223°, 66%, 75%
HSV	223°, 35%, 92%
XYZ	42.9438, 43.1798, 83.9131
YIQ	174.5500, -33.2430, 13.2610

# Conversions

## Conversions Part 2

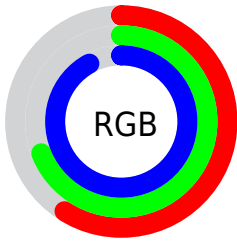
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 170, 234
Decimal	9940970
CIE <sub>Lab</sub>	71.68, 5.75, -32.20
CIE <sub>LCh</sub>	72, 32.709, 280.129
Yxy	43.1798, 0.2526, 0.2539
Android (android.graphics.Color)	4288131050 (0xFF97AFEA)
YUV	174.5500, 29.3088, -20.6534
Hunter-Lab	65.7113, 1.6588, -29.7151

# Details

The Hex color **97AFE4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EAD297**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CFE6FF**, and **617BB2** is the 20% darker color. If you saturate the color by 10%, you get **809EEA**, and if you desaturate by 10%, it is **AEC0EA**.

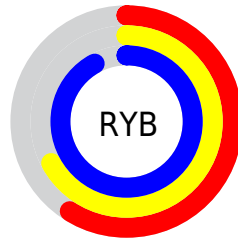
# Distribution



Red (59%)

Green (69%)

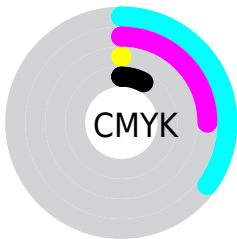
Blue (92%)



Red (59%)

Yellow (67%)

Blue (92%)

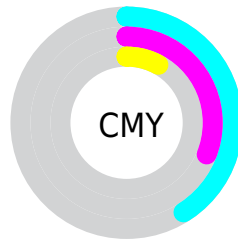


Cyan (35%)

Magenta (25%)

Yellow (0%)

Black (8%)



Cyan (41%)

Magenta (31%)

Yellow (8%)

# Brightness & Saturation Gradients

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



■ 97AFE8

■ 97AFE8

FFFFFF

■ 7C94CE

■ CFE6FF

■ 617BB2

■ ECFFFF

■ 466297

■ 2B4A7D

■ 073464

■ 001F4C

■ 000635

■ 00021F

■ 000001

■ 97AFE8

■ 97AFE8

■ 809EE8

■ AEC0E8

■ 688EE8

■ C6D0E8

■ 517DE8

■ DDE1E8

■ 396CE8

■ F5F2E8

■ 225CE8

■ FFFFE8

■ 0B4BE8

■ 0044E8

# Harmonies

## Analogous

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



6AB8E7



97AFEA



C1A4DD

# Triad

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



97AFEA



E79E8B



76BE9A

# Complementary

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



97AFE4



EAD297

# 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.



99B981



97AFEA



D5A778

# Square

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



97AFE4



EB99A6



BAB174



56C0B9

# Rectangle

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



97AFEA



D69ECE



BAB174



82BD91



# Sweetspot

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



97AFEA



E3EBFF



97EAD1



6F7480



000000



808080



# Same Dimension

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



97AFEA



91B1FF



A897EA



6A6D75



0034B5



000F36



# Inverse Universe

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



EA97AF



FF91B1



D9EA97



756A6D



B50034

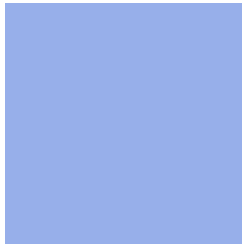


36000F



# Previews

## White Background



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

## Color Contrast Check

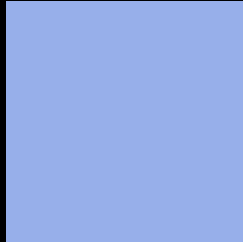
Large Text (above 18pt) WCAG AA × Fail

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 97AFE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

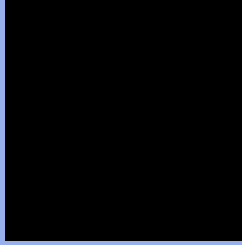
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97AFE8 Background



This preview shows how black text looks on a background with the Hex color 97AFE8.



This preview shows how white text looks on a background with the Hex color 97AFE8.

# 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**  
97AFE8

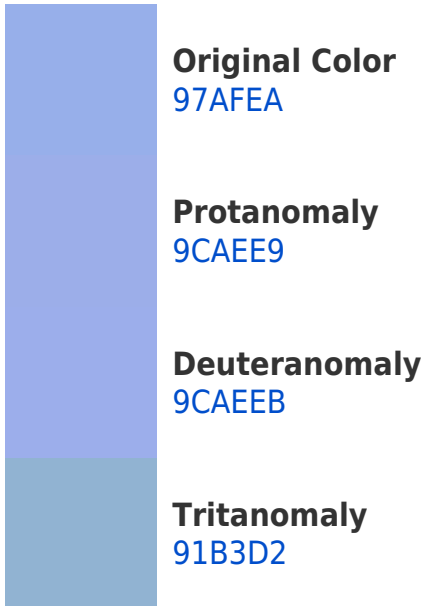
**Protanopia**  
9FADE9

**Deuteranopia**  
9FADEB

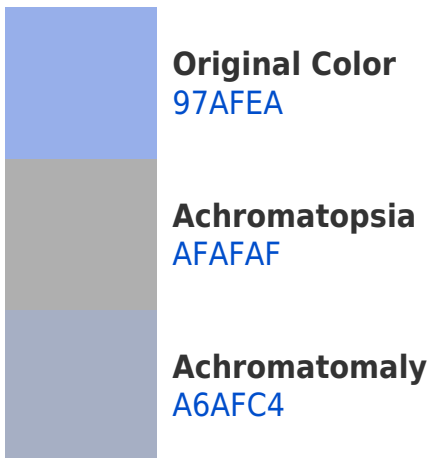


**Tritanopia**  
8EB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97AFE8 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 #97AFE8 looks like.

```
.text, #text, p{  
    color:#97AFE8  
}
```

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 #97AFEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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