

Converting Colors

Hex(97AEF1)

Have a look what the booklet for
Hex(97AEF1) contains.

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Color

Hex(97AEF1)

Conversions

Conversions Part 1

Format	Color
Hex	97AEF1
RGB	151, 174, 241
RGB Percent	59%, 68%, 95%
CMY	0.4078, 0.3176, 0.0549
CMYK	0.37, 0.28, 0.00, 0.05
HSL	225°, 76%, 77%
HSV	225°, 37%, 95%
XYZ	43.7757, 43.2023, 89.2507
YIQ	174.7610, -35.2150, 15.9610

Conversions

Conversions Part 2

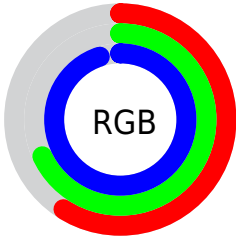
Format	Color
R _Y B	151, 169, 241
Decimal	9940721
CIE Lab	71.69, 8.15, -35.98
CIE LCh	72, 36.893, 282.760
Yxy	43.2023, 0.2484, 0.2451
Android (android.graphics.Color)	4288130801 (0xFF97AEF1)
YUV	174.7610, 32.6558, -20.8384
Hunter-Lab	65.7284, 3.8578, -34.4982

Details

The Hex color **97AEF1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F1DA97**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D0E5FF**, and **607AB9** is the 20% darker color. If you saturate the color by 10%, you get **7F9CF1**, and if you desaturate by 10%, it is **AFC0F1**.

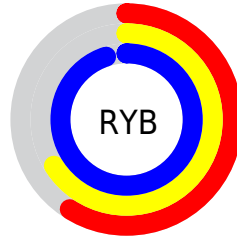
Distribution



Red (59%)

Green (68%)

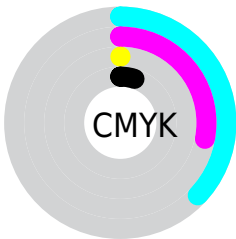
Blue (95%)



Red (59%)

Yellow (66%)

Blue (95%)

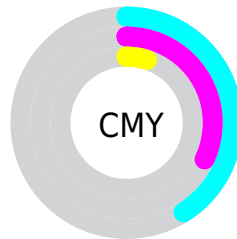


Cyan (37%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (41%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97AEF1 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 97AEF1 by changing the saturation by 10% instead.

■ 97AEF1

FFFFFF

■ D0E5FF

■ EDFFFF

■ 97AEF1

■ 7B93D4

■ 607AB9

■ 45619E

■ 284A83

■ 00336A

■ 001F51

■ 00053A

■ 000223

■ 00000B

 97AEF1

 97AEF1

 7F9CF1

 AFC0F1

 678AF1

 C7D2F1

 4F78F1

 DFE4F1

 3766F1

 F7F6F1

 1E54F1

 FFFFF1

 0642F1

 003EF1

Harmonies

Analogous

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



5FB9EF



97AEF1



C6A2E1

Triad

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



97AEF1



EC9C83



69C09B

Complementary

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



97AEF1



F1DA97

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.



92BB7D



97AEF1



D7A770

Square

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



97AEF1



F296A2



B8B26D



3DC2BD

Rectangle

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



97AEF1



DD9BCF



B8B26D



77BF90

Sweetspot

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



97AEF1



E3EAFF



97F1D9



6F7380



000000



808080

Same Dimension

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



97AEF1



8CAAFF



AC97F1



6C6F78



002FB8



000E38

Inverse Universe

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



F197AE



FF8CAA



DCF197



786C6F



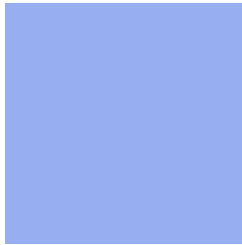
B8002F



38000E

Previews

White Background



This preview shows how the Hex color 97AEF1 looks on a white background.

Color Contrast Check

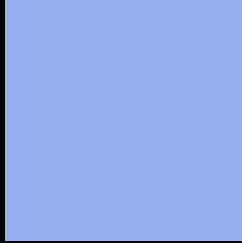
Large Text (above 18pt) WCAG AA × Fail

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 97AEF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

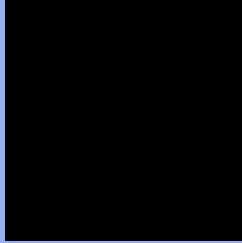
Any Text WCAG AA ✓ Pass

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 97AEF1 Background



This preview shows how black text looks on a background with the Hex color 97AEF1.



This preview shows how white text looks on a background with the Hex color 97AEF1.

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
97AEF1

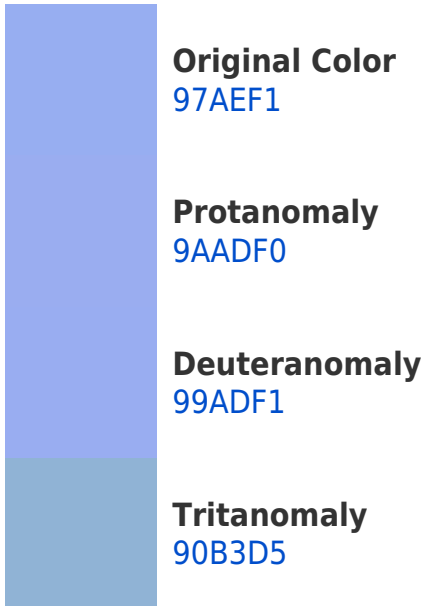
Protanopia
9BADF0

Deuteranopia
9AADF1

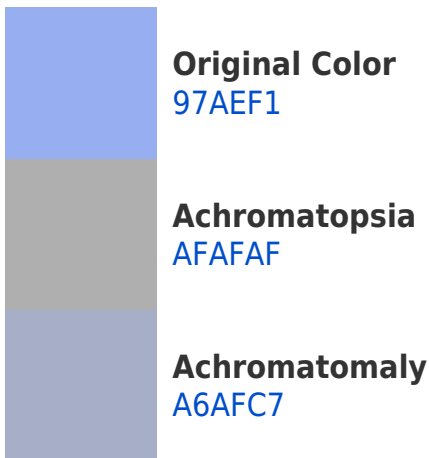


Tritanopia
8CB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97AEF1 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 #97AEF1 looks like.

```
.text, #text, p{  
    color:#97AEF1  
}
```

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 #97AEF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97AEF1
}
```

Border

The CSS property to change the border of an element to Hex 97AEF1 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
#97AEF1 }
```

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

```
.border{ border-color:#97AEF1 }
```

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

Here you see how a box with a 4 pixel #97AEF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97AEF1; -webkit-box-shadow:4px 4px  
4px 4px #97AEF1; box-shadow:4px 4px 4px  
4px #97AEF1 }
```

Background

The CSS property to change the background color of an element to Hex 97AEF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97AEF1 }
```

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

```
.background{ background-color:#97AEF1 }
```

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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