

Converting Colors

Hex(97C4F4)

Have a look what the booklet for
Hex(97C4F4) contains.

Hex(97C4F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(97C4F4)

Conversions

Conversions Part 1

Format	Color
Hex	97C4F4
RGB	151, 196, 244
RGB Percent	59%, 77%, 96%
CMY	0.4078, 0.2314, 0.0431
CMYK	0.38, 0.20, 0.00, 0.04
HSL	211°, 81%, 77%
HSV	211°, 38%, 96%
XYZ	48.8316, 52.5908, 93.1653
YIQ	188.0170, -42.2280, 5.3880

Conversions

Conversions Part 2

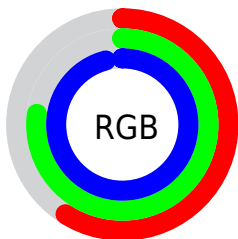
Format	Color
R_YB	151, 181, 244
Decimal	9946356
CIE _{Lab}	77.63, -3.13, -28.44
CIE _{LCh}	78, 28.608, 263.716
Yxy	52.5908, 0.2509, 0.2703
Android (android.graphics.Color)	4288136436 (0xFF97C4F4)
YUV	188.0170, 27.5996, -32.4639
Hunter-Lab	72.5195, -6.7149, -25.4058

Details

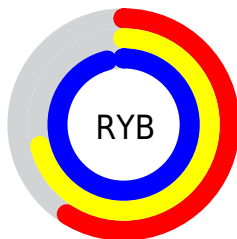
The Hex color **97C4F4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4C797**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D0FDFF**, and **608EBC** is the 20% darker color. If you saturate the color by 10%, you get **7FB7F4**, and if you desaturate by 10%, it is **AFD1F4**.

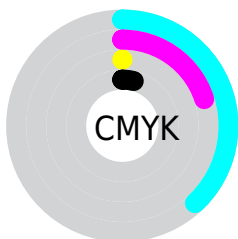
Distribution



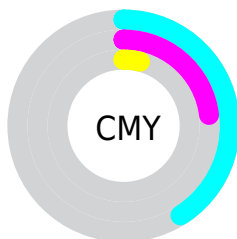
- Red (59%)
- Green (77%)
- Blue (96%)



- Red (59%)
- Yellow (71%)
- Blue (96%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (41%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97C4F4 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 97C4F4 by changing the saturation by 10% instead.

 97C4F4

 97C4F4

FFFFFF

 7BA9D7

 D0FDFD

 608EBC

 EDFDFF

 4475A1

 275C86

 00456D

 002F54

 001B3D

 000327

 000110

■ 97C4F4

■ 97C4F4

■ 7FB7F4

■ AFD1F4

■ 66ABF4

■ C8DDF4

■ 4E9EF4

■ E0EAF4

■ 3592F4

■ F9F6F4

■ 1D85F4

■ FFFFF4

■ 0578F4

■ 0076F4

Harmonies

Analogous

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



79CBEA



97C4F4



BCBBF0

Triad

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



97C4F4



F6AEAC



9FCBA0

Complementary

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



97C4F4



F4C797

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.



BDC58F



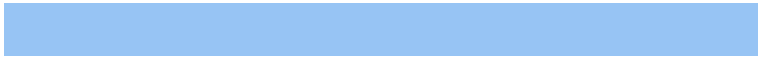
97C4F4



EDB496

Square

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



97C4F4



F1ADC7



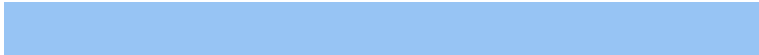
D8BC8B



82CEB9

Rectangle

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



97C4F4



D3B5E6



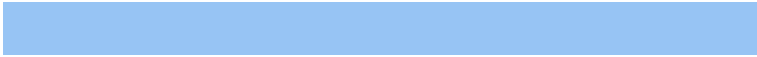
D8BC8B



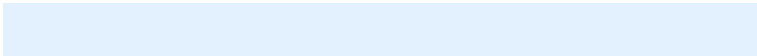
A9C999

Sweetspot

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



97C4F4



E3F1FF



97F4C6



6F7780



000000



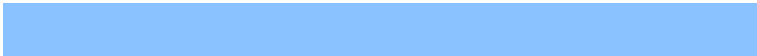
808080

Same Dimension

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



97C4F4



8AC2FF



9797F4



6E747A



005ABA



001C3B

Inverse Universe

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



F497C4



FF8AC2



F4F497



7A6E74



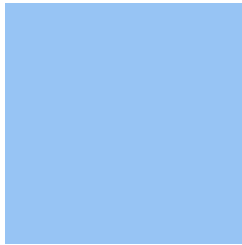
BA005A



3B001C

Previews

White Background



This preview shows how the Hex color 97C4F4 looks on a white background.

Color Contrast Check

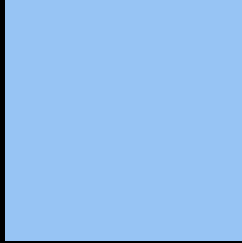
Large Text (above 18pt) WCAG AA × Fail

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 97C4F4 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

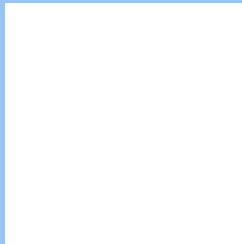
Any Text WCAG AAA ✓ Pass

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

Hex 97C4F4 Background



This preview shows how black text looks on a background with the Hex color 97C4F4.



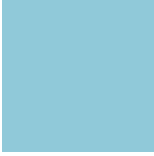
This preview shows how white text looks on a background with the Hex color 97C4F4.

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](#).

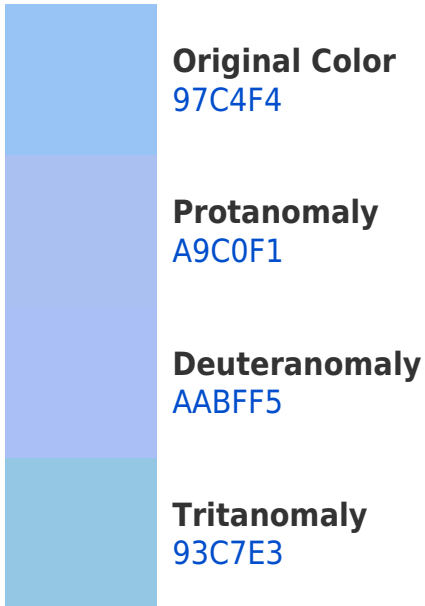
Dichromacy



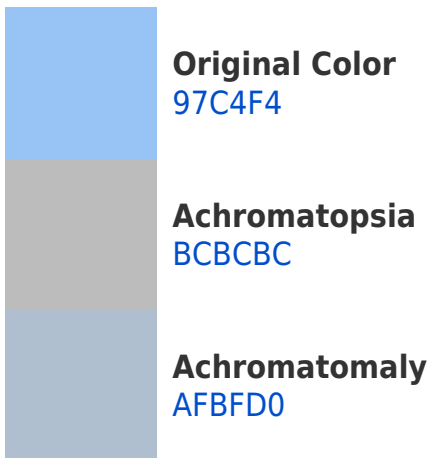


Tritanopia
90C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97C4F4 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 #97C4F4 looks like.

```
.text, #text, p{  
    color:#97C4F4  
}
```

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 #97C4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C4F4
}
```

Border

The CSS property to change the border of an element to Hex 97C4F4 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
#97C4F4 }
```

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

```
.border{ border-color:#97C4F4 }
```

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

Here you see how a box with a 4 pixel #97C4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C4F4; -webkit-box-shadow:4px 4px  
4px 4px #97C4F4; box-shadow:4px 4px 4px  
4px #97C4F4 }
```

Background

The CSS property to change the background color of an element to Hex 97C4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C4F4 }
```

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

```
.background{ background-color:#97C4F4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor