

Converting Colors

Hex(97B0F0)

Have a look what the booklet for
Hex(97B0F0) contains.

Hex(97B0F0)	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(97B0F0)

Conversions

Conversions Part 1

Format	Color
Hex	97B0F0
RGB	151, 176, 240
RGB Percent	59%, 69%, 94%
CMY	0.4078, 0.3098, 0.0588
CMYK	0.37, 0.27, 0.00, 0.06
HSL	223°, 75%, 77%
HSV	223°, 37%, 94%
XYZ	44.0160, 43.9212, 88.5958
YIQ	175.8210, -35.4440, 14.6040

Conversions

Conversions Part 2

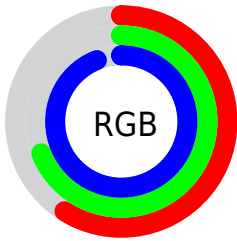
Format	Color
R _Y B	151, 171, 240
Decimal	9941232
CIE Lab	72.18, 6.77, -34.69
CIE LCh	72, 35.343, 281.041
Yxy	43.9212, 0.2493, 0.2488
Android (android.graphics.Color)	4288131312 (0xFF97B0F0)
YUV	175.8210, 31.6402, -21.7680
Hunter-Lab	66.2731, 2.5748, -32.8694

Details

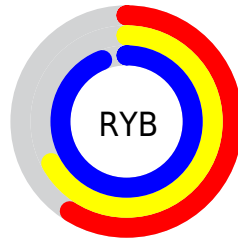
The Hex color **97B0F0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F0D797**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CFE7FF**, and **607CB8** is the 20% darker color. If you saturate the color by 10%, you get **7F9FF0**, and if you desaturate by 10%, it is **AFC1F0**.

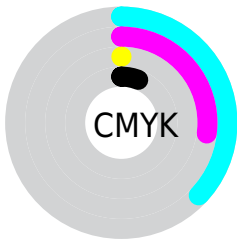
Distribution



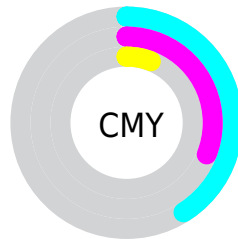
- Red (59%)
- Green (69%)
- Blue (94%)



- Red (59%)
- Yellow (67%)
- Blue (94%)



- Cyan (37%)
- Magenta (27%)
- Yellow (0%)
- Black (6%)



- Cyan (41%)
- Magenta (31%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97B0F0 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 97B0F0 by changing the saturation by 10% instead.

 97B0F0

 97B0F0

FFFFFF

 7C95D4

 CFE7FF

 607CB8

 EDFFFF

 45639D

 294B82

 013569

 002050

 000839

 000223

 00000A

■ 97B0F0

■ 97B0F0

■ 7F9FF0

■ AFC1F0

■ 678DF0

■ C7D3F0

■ 4F7CF0

■ DFE4F0

■ 376BF0

■ F7F5F0

■ 1F5AF0

■ FFFFF0

■ 0748F0

■ 0043F0

Harmonies

Analogous

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



63BAED



97B0F0



C4A4E2

Triad

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



97B0F0



EC9E88



70C19B

Complementary

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



97B0F0



F0D797

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.



97BC7F



97B0F0



D9A874

Square

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



97B0F0



F098A6



BBB371



4AC3BC

Rectangle

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



97B0F0



DB9ED1



BBB371



7EC091

Sweetspot

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



97B0F0



E3EBFF



97F0D7



6F7480



000000



808080

Same Dimension

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



97B0F0



8CACFF



AA97F0



6C6F78



0034B8



001038

Inverse Universe

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



F097B0



FF8CAC



DDF097



786C6F



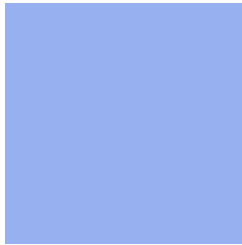
B80034



380010

Previews

White Background



This preview shows how the Hex color 97B0F0 looks on a white background.

Color Contrast Check

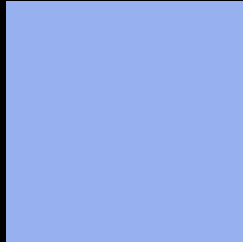
Large Text (above 18pt) WCAG AA × Fail

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 97B0F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

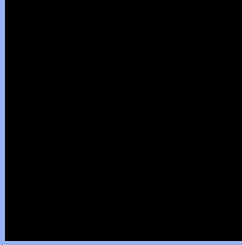
Any Text WCAG AA ✓ Pass

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 97B0F0 Background



This preview shows how black text looks on a background with the Hex color 97B0F0.



This preview shows how white text looks on a background with the Hex color 97B0F0.

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](#).

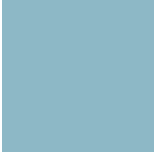
Dichromacy



Original Color
97B0F0

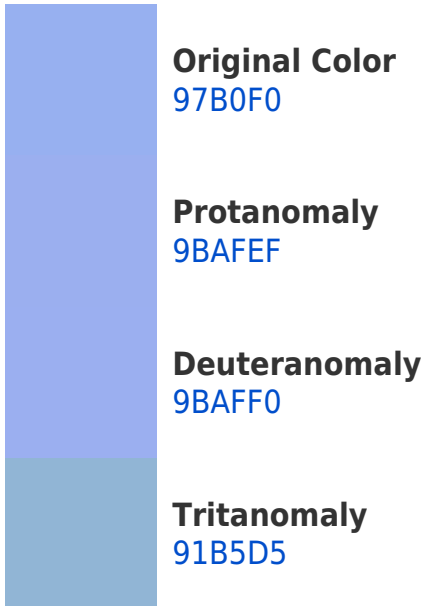
Protanopia
9EAEFF

Deuteranopia
9EAEF0

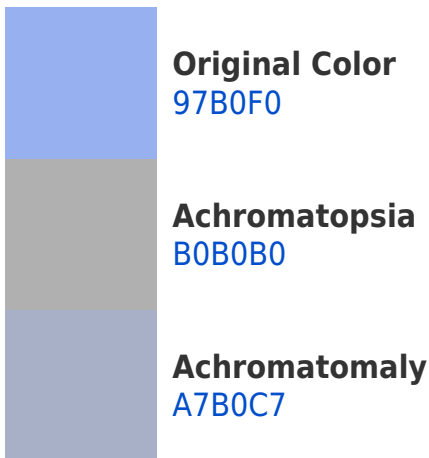


Tritanopia
8DB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97B0F0 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 #97B0F0 looks like.

```
.text, #text, p{  
    color:#97B0F0  
}
```

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 #97B0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97B0F0
}
```

Border

The CSS property to change the border of an element to Hex 97B0F0 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
#97B0F0 }
```

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

```
.border{ border-color:#97B0F0 }
```

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

Here you see how a box with a 4 pixel #97B0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97B0F0; -webkit-box-shadow:4px 4px  
4px 4px #97B0F0; box-shadow:4px 4px 4px  
4px #97B0F0 }
```

Background

The CSS property to change the background color of an element to Hex 97B0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97B0F0 }
```

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

```
.background{ background-color:#97B0F0 }
```

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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