

Converting Colors

Hex(97BBF4)

Have a look what the booklet for
Hex(97BBF4) contains.

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Color

Hex(97BBF4)

Conversions

Conversions Part 1

Format	Color
Hex	97BBF4
RGB	151, 187, 244
RGB Percent	59%, 73%, 96%
CMY	0.4078, 0.2667, 0.0431
CMYK	0.38, 0.23, 0.00, 0.04
HSL	217°, 81%, 77%
HSV	217°, 38%, 96%
XYZ	46.8620, 48.6516, 92.5088
YIQ	182.7340, -39.7530, 10.0950

Conversions

Conversions Part 2

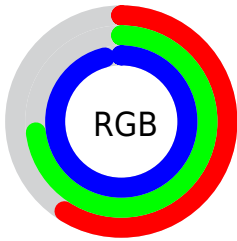
Format	Color
RYB	151, 177, 244
Decimal	9944052
CIELab	75.23, 1.75, -32.13
CIElCh	75, 32.173, 273.118
Yxy	48.6516, 0.2492, 0.2588
Android (android.graphics.Color)	4288134132 (0xFF97BBF4)
YUV	182.7340, 30.2041, -27.8307
Hunter-Lab	69.7507, -2.1387, -29.8095

Details

The Hex color **97BBF4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4D097**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D0F3FF**, and **6086BC** is the 20% darker color. If you saturate the color by 10%, you get **7FACF4**, and if you desaturate by 10%, it is **AFCAF4**.

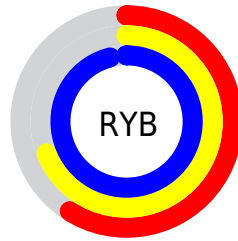
Distribution



Red (59%)

Green (73%)

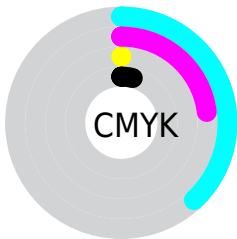
Blue (96%)



Red (59%)

Yellow (69%)

Blue (96%)

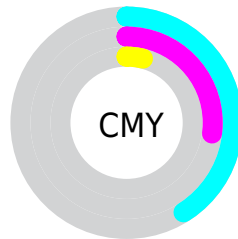


Cyan (38%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (41%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97BBF4 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 97BBF4 by changing the saturation by 10% instead.

■ 97BBF4

■ 97BBF4

FFFFFF

■ 7BA0D7

■ D0F3FF

■ 6086BC

■ EDFFFF

■ 456DA0

■ 275586

■ 003E6D

■ 002854

■ 00143C

■ 000326

■ 00010F

■ 97BBF4

■ 97BBF4

■ 7FACF4

■ AFCAF4

■ 669DF4

■ C8D9F4

■ 4E8EF4

■ E0E8F4

■ 357FF4

■ F9F7F4

■ 1D70F4

■ FFFFF4

■ 0561F4

■ 005EF4

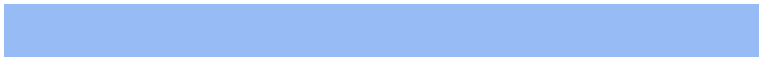
Harmonies

Analogous

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



6DC3ED



97BBF4



C1B1EB

Triad

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



97BBF4



F3A69A



89C79E

Complementary

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



97BBF4



F4D097

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.



ABC187



97BBF4



E4AE85

Square

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



97BBF4



F3A3B7



CBB87E



68CABB

Rectangle

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



97BBF4



D9AADD



CBB87E



94C695

Sweetspot

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



97BBF4



E3EEFF



97F4CF



6F7580



000000



808080

Same Dimension

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



97BBF4



8AB7FF



A097F4



6E737A



0048BA



00173B

Inverse Universe

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



F497BB



FF8AB7



EBF497



7A6E73



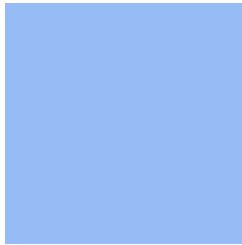
BA0048



3B0017

Previews

White Background



This preview shows how the Hex color 97BBF4 looks on a white background.

Color Contrast Check

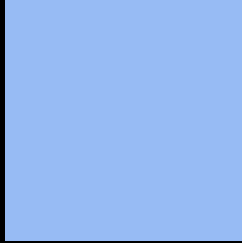
Large Text (above 18pt) WCAG AA × Fail

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 97BBF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

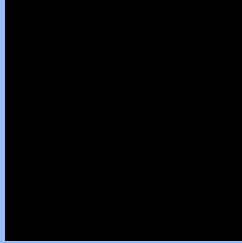
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

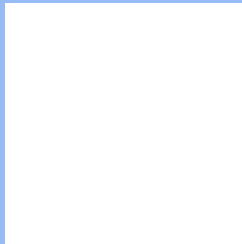
Any Text WCAG AAA ✓ Pass

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

Hex 97BBF4 Background



This preview shows how black text looks on a background with the Hex color 97BBF4.

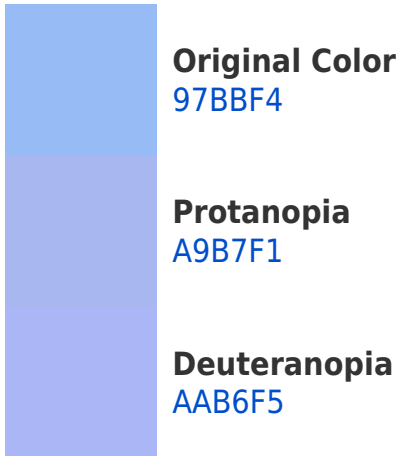


This preview shows how white text looks on a background with the Hex color 97BBF4.

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](#).

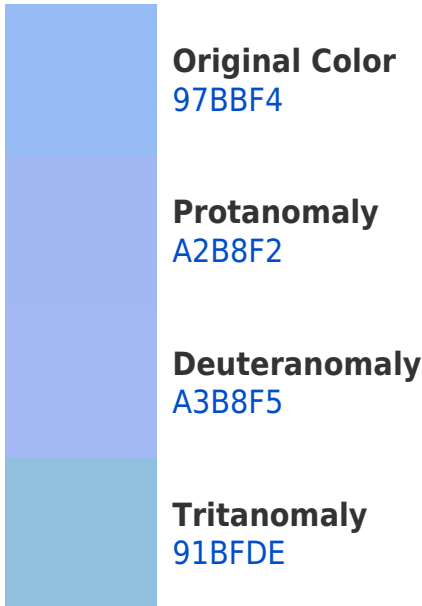
Dichromacy



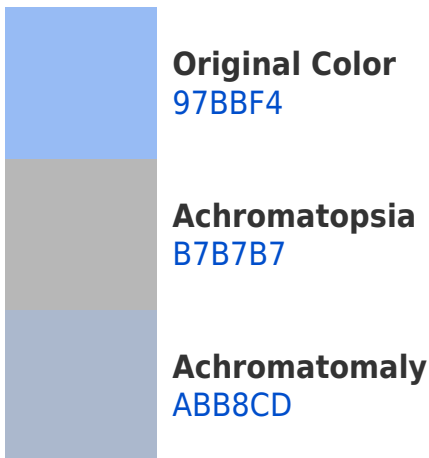


Tritanopia
8EC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97BBF4 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 #97BBF4 looks like.

```
.text, #text, p{  
    color:#97BBF4  
}
```

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 #97BBF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97BBF4
}
```

Border

The CSS property to change the border of an element to Hex 97BBF4 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
#97BBF4 }
```

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

```
.border{ border-color:#97BBF4 }
```

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

Here you see how a box with a 4 pixel #97BBF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97BBF4; -webkit-box-shadow:4px 4px  
4px 4px #97BBF4; box-shadow:4px 4px 4px  
4px #97BBF4 }
```

Background

The CSS property to change the background color of an element to Hex 97BBF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97BBF4 }
```

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

```
.background{ background-color:#97BBF4 }
```

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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