

# Converting Colors

Hex(97C7FF)

Have a look what the booklet for  
Hex(97C7FF) contains.

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# **Color**

**Hex(97C7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97C7FF
RGB	151, 199, 255
RGB Percent	59%, 78%, 100%
CMY	0.4078, 0.2196, 0.0000
CMYK	0.41, 0.22, 0.00, 0.00
HSL	212°, 100%, 80%
HSV	212°, 41%, 100%
XYZ	51.2359, 54.6462, 102.4551
YIQ	191.0320, -46.5840, 7.2400

# Conversions

## Conversions Part 2

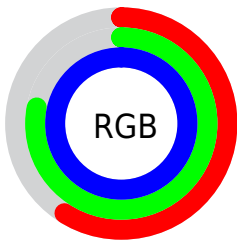
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 184, 255</a>
Decimal	<a href="#">9947135</a>
CIELab	<a href="#">78.84, -1.85, -32.47</a>
CIELCh	<a href="#">79, 32.525, 266.732</a>
Yxy	<a href="#">54.6462, 0.2459, 0.2623</a>
Android (android.graphics.Color)	<a href="#">4288137215</a> ( <a href="#">0xFF97C7FF</a> )
YUV	<a href="#">191.0320, 31.5362, -35.1081</a>
Hunter-Lab	<a href="#">73.9230, -5.6473, -30.4280</a>

# Details

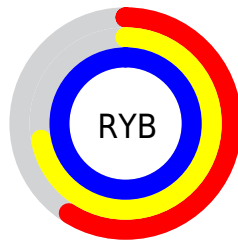
The Hex color **97C7FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCF97**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **D0FFFF**, and **5F91C6** is the 20% darker color. If you saturate the color by 10%, you get **7EB9FF**, and if you desaturate by 10%, it is **B1D5FF**.

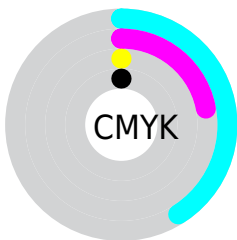
# Distribution



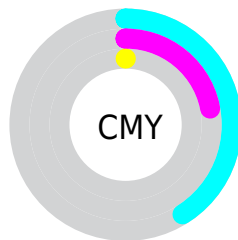
- Red (59%)
- Green (78%)
- Blue (100%)



- Red (59%)
- Yellow (72%)
- Blue (100%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97C7FF 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 97C7FF by changing the saturation by 10% instead.



 97C7FF

 97C7FF

FFFFFF

 7BACE2

 D0FFFF

 5F91C6

 EEEFFF


 4278AB

 225F90

 004876

 00315D

 001D45

 00042F

 000119

 97C7FF

 97C7FF

 7EB9FF

 B1D5FF

 64ACFF

 CAE2FF

 4B9EFF

 E4F0FF

 3190FF

 FDFEFF

 1882FF

 FFFFFFFF

 0076FF

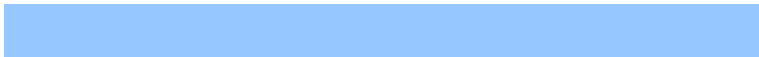
# Harmonies

## Analogous

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



70CFF5



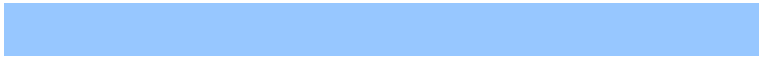
97C7FF



C3BDF9

# Triad

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



97C7FF



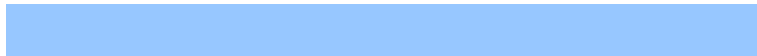
FFAEA9



99D0A1

# Complementary

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



97C7FF



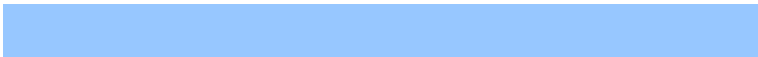
FFCF97

# 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.



BCCA8C



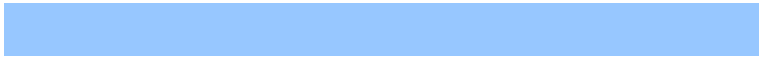
97C7FF



F4B692

# Square

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



97C7FF



FCADC8



DCC087



78D4BF

# Rectangle

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



97C7FF



DCB6ED



DCC087



A5CE99



# Sweetspot

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



97C7FF



E0EFFF



97FFCE



6E7680



000000



808080

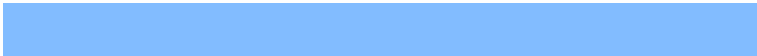


# Same Dimension

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



97C7FF



82BCFF



9A97FF



737980



0058BF



001D40



# Inverse Universe

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



FF97C7



FF82BC



FCFF97



807379



BF0058

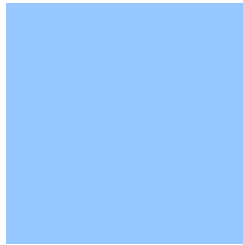


40001D



# Previews

## White Background



This preview shows how the Hex color 97C7FF looks on a white background.

## Color Contrast Check

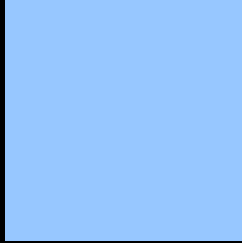
Large Text (above 18pt) WCAG AA × Fail

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 97C7FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

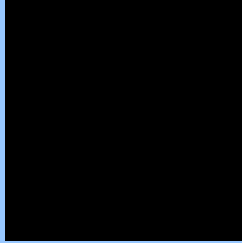
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

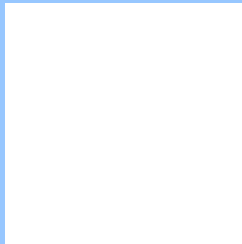
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97C7FF Background



This preview shows how black text looks on a background with the Hex color 97C7FF.



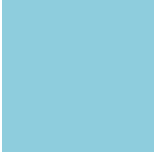
This preview shows how white text looks on a background with the Hex color 97C7FF.

# 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](#).

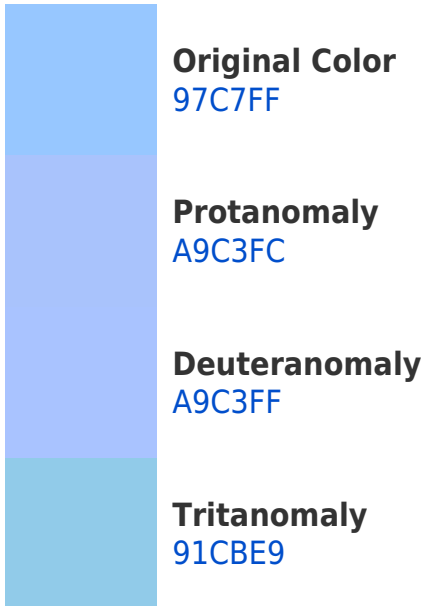
## Dichromacy



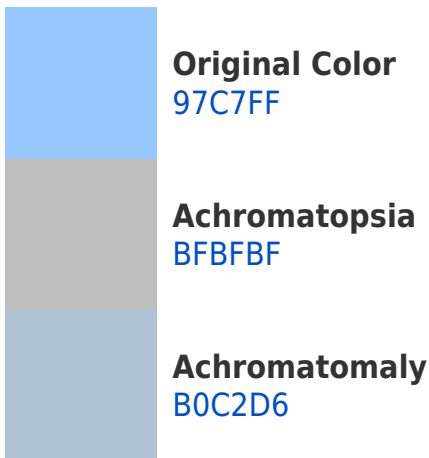


**Tritanopia**  
8ECDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97C7FF 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 #97C7FF looks like.

```
.text, #text, p{  
    color:#97C7FF  
}
```

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 #97C7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C7FF  
}
```

## Border

The CSS property to change the border of an element to Hex 97C7FF 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  
#97C7FF }
```

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

```
.border{ border-color:#97C7FF }
```

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

Here you see how a box with a 4 pixel #97C7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C7FF; -webkit-box-shadow:4px 4px  
4px 4px #97C7FF; box-shadow:4px 4px 4px  
4px #97C7FF }
```

# Background

The CSS property to change the background color of an element to Hex 97C7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C7FF }
```

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

```
.background{ background-color:#97C7FF }
```

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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