

# Converting Colors

Hex(97CFFF)

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

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# **Color**

**Hex(97CFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97CFFF
RGB	151, 207, 255
RGB Percent	59%, 81%, 100%
CMY	0.4078, 0.1882, 0.0000
CMYK	0.41, 0.19, 0.00, 0.00
HSL	208°, 100%, 80%
HSV	208°, 41%, 100%
XYZ	53.1253, 58.4250, 103.0849
YIQ	195.7280, -48.7840, 3.0560

# Conversions

## Conversions Part 2

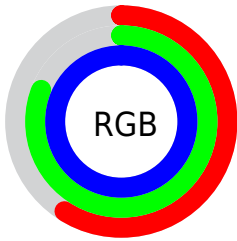
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	151, 187, 255
Decimal	9949183
CIE Lab	80.97, -6.13, -29.19
CIE LCh	81, 29.824, 258.147
Yxy	58.4250, 0.2475, 0.2722
Android (android.graphics.Color)	4288139263 (0xFF97CFFF)
YUV	195.7280, 29.2211, -39.2265
Hunter-Lab	76.4362, -9.7009, -26.4555

# Details

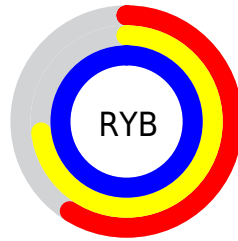
The Hex color **97CFFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC797**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D0FFFF**, and **5F99C6** is the 20% darker color. If you saturate the color by 10%, you get **7EC3FF**, and if you desaturate by 10%, it is **B1DBFF**.

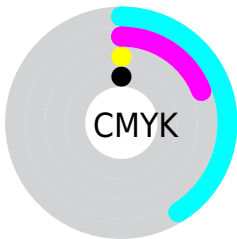
# Distribution



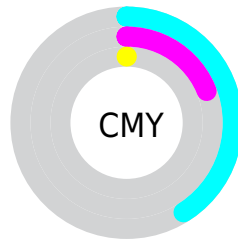
- Red (59%)
- Green (81%)
- Blue (100%)



- Red (59%)
- Yellow (73%)
- Blue (100%)



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 97CFFF

 97CFFF

FFFFFF

 7BB4E2

 D0FFFF

 5F99C6

 EEEFFF

 427FAB

 226690

 004E76

 00375D

 002246

 000A2F

 00011A

■ 97CFFF

■ 97CFFF

■ 7EC3FF

■ B1DBFF

■ 64B7FF

■ CAE7FF

■ 4BACFF

■ E4F2FF

■ 31A0FF

■ FDFEFF

■ 1894FF

FFFFFF

■ 0089FF

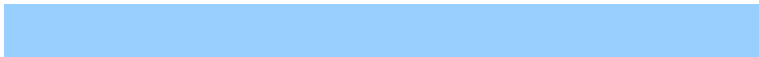
# Harmonies

## Analogous

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



7AD6F2



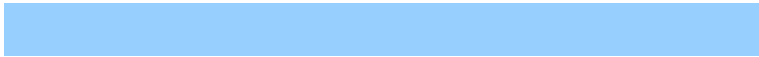
97CFFF



BEC6FE

# Triad

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



97CFFF



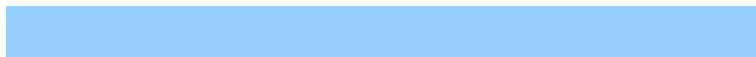
FFB5B9



ACD4A3

# Complementary

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



97CFFF



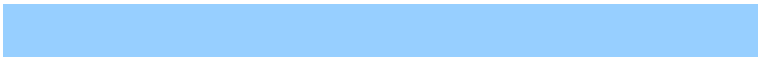
FFC797

# 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.



CCCD94



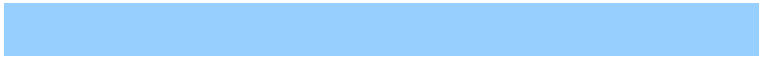
97CFFF



FBBBA1

# Square

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



97CFFF



FAB6D5



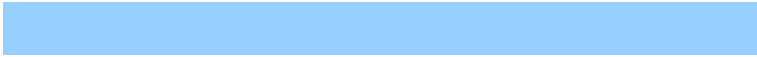
E8C393



8DD8BD

# Rectangle

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



97CFFF



D7BFF5



E8C393

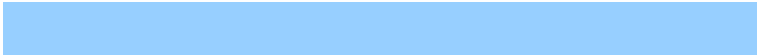


B7D29D

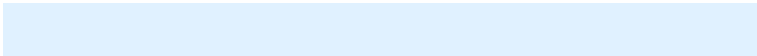


# Sweetspot

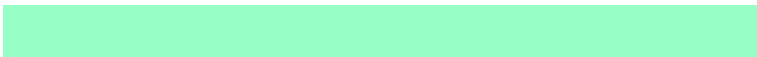
The Sweet Spot groups the original color and five complimentary colors.



97CFFF



E0F1FF



97FFC6



6E7780



000000

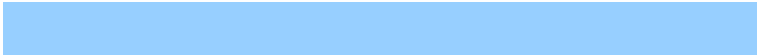


808080

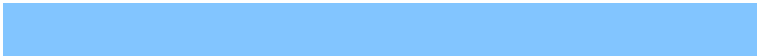


# Same Dimension

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



97CFFF



82C5FF



979CFF



737A80



0067BF



002240



# Inverse Universe

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



FF97CF



FF82C5



FFFA97



80737A



BF0067

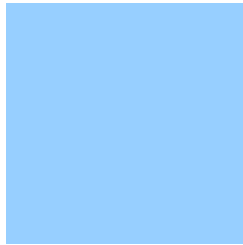


400022



# Previews

## White Background



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

## Color Contrast Check

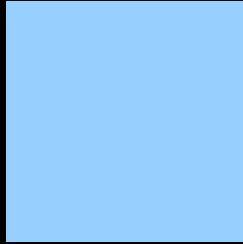
Large Text (above 18pt) WCAG AA × Fail

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 97CFFF 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

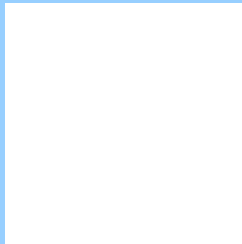
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97CFFF Background



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

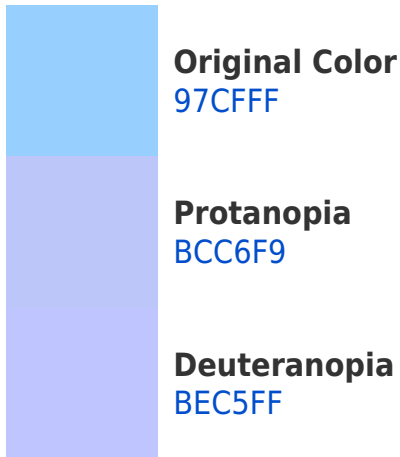


This preview shows how white text looks on a background with the Hex color 97CFFF.

# 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](#).

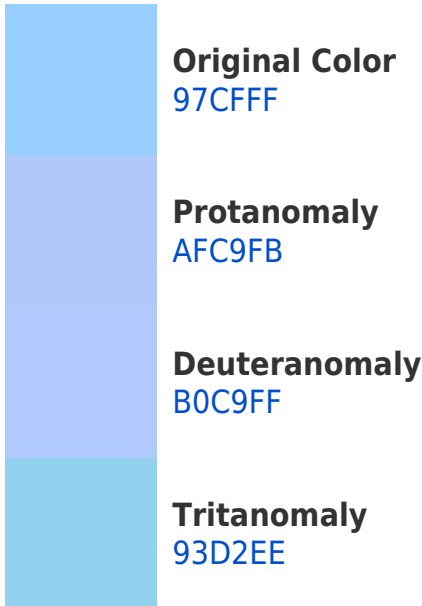
## Dichromacy



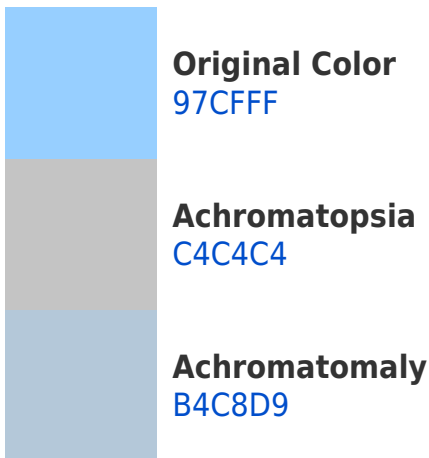


**Tritanopia**  
90D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #97CFFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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