

# Converting Colors

Hex(97CBFE)

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

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# **Color**

**Hex(97CBFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97CBFE
RGB	151, 203, 254
RGB Percent	59%, 80%, 100%
CMY	0.4078, 0.2039, 0.0039
CMYK	0.41, 0.20, 0.00, 0.00
HSL	210°, 98%, 79%
HSV	210°, 41%, 100%
XYZ	52.0078, 56.4469, 101.9202
YIQ	193.2660, -47.3630, 4.8370

# Conversions

## Conversions Part 2

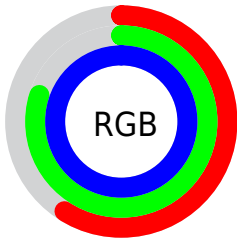
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 186, 254
Decimal	9948158
CIE <sub>Lab</sub>	79.87, -4.26, -30.35
CIE <sub>LCh</sub>	80, 30.652, 262.006
Yxy	56.4469, 0.2472, 0.2683
Android (android.graphics.Color)	4288138238 (0xFF97CBFE)
YUV	193.2660, 29.9419, -37.0673
Hunter-Lab	75.1312, -7.9170, -27.8388

# Details

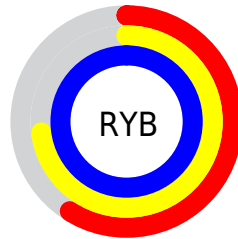
The Hex color **97CBFE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FECA97**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D0FFFF**, and **5F95C5** is the 20% darker color. If you saturate the color by 10%, you get **7EBEFE**, and if you desaturate by 10%, it is **B0D8FE**.

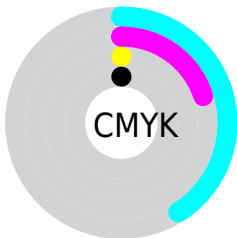
# Distribution



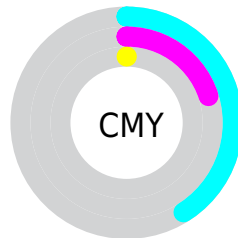
- Red (59%)
- Green (80%)
- Blue (100%)



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



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 97CBFE

 97CBFE

FFFFFF

 7BB0E1

 D0FFFF

 5F95C5

 EEEFFF

 427BAA

 23638F

 004B75

 00345C

 002045

 00042E

 000119

 97CBFE

 97CBFE

 7EBEFE


 B0D8FE

 64B2FE

 CAE4FE

 4BA5FE

 E3F1FE

 3199FE

 FDFDFE

 188CFE

FFFFFFE

 0080FE

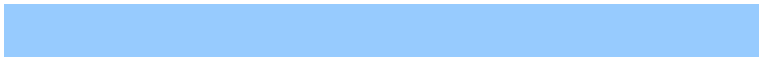
# Harmonies

## Analogous

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



76D2F2



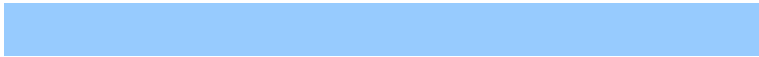
97CBFE



C0C1FB

# Triad

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



97CBFE



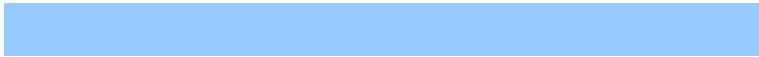
FFB2B2



A4D2A2

# Complementary

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



97CBFE



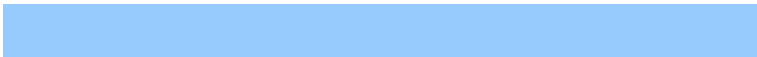
FECA97

# 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.



C5CB91



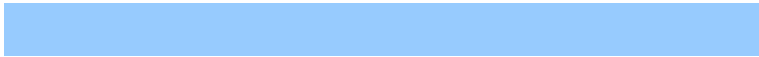
97CBFE



F7B89A

# Square

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



97CBFE



FAB2CF



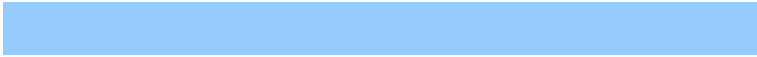
E2C28E



84D6BD

# Rectangle

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



97CBFE



D9BBF1



E2C28E

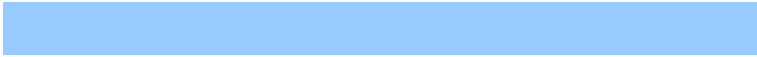


AFD09B

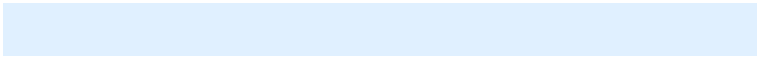


# Sweetspot

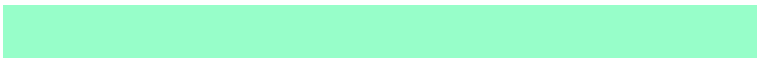
The Sweet Spot groups the original color and five complimentary colors.



97CBFE



E0F0FF



97FEC9



6E7780



000000

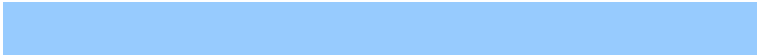


808080

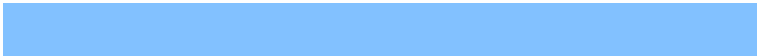


# Same Dimension

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



97CBFE



82C1FF



9799FE



737980



0061BF



002040



# Inverse Universe

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



FE97CB



FF82C1



FEFC97



807379



BF0061

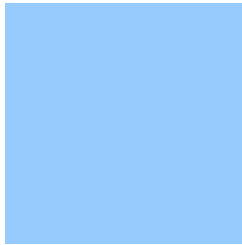


400020



# Previews

## White Background



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

## Color Contrast Check

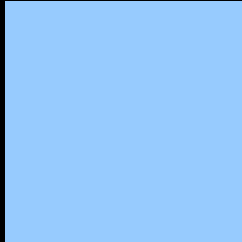
Large Text (above 18pt) WCAG AA × Fail

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 97CBFE 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

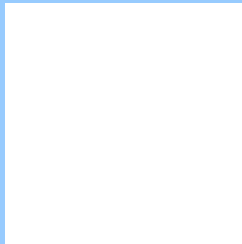
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97CBFE Background



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



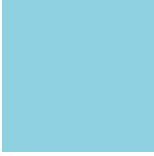
This preview shows how white text looks on a background with the Hex color 97CBFE.

# 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](#).

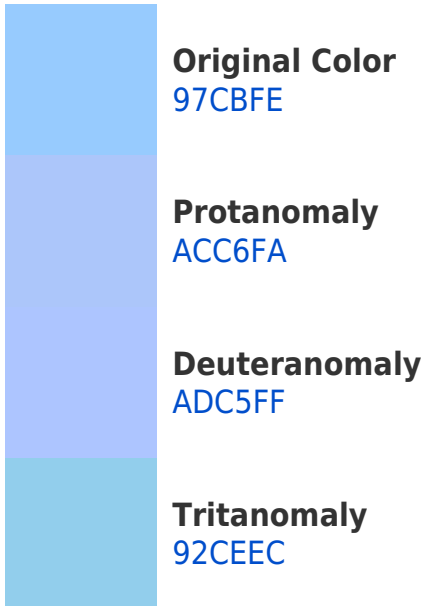
## Dichromacy



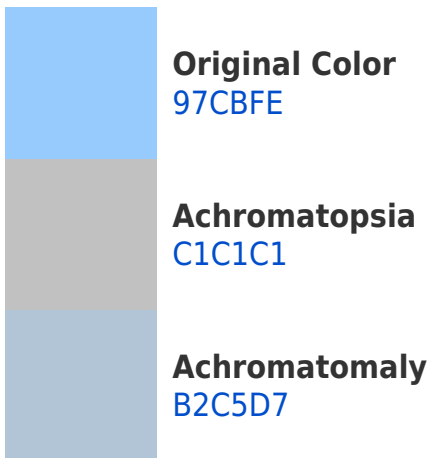


**Tritanopia**  
8FDOE1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #97CBFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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