

Converting Colors

Hex(97CBFF)

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

Hex(97CBFF)	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(97CBFF)

Conversions

Conversions Part 1

Format	Color
Hex	97CBFF
RGB	151, 203, 255
RGB Percent	59%, 80%, 100%
CMY	0.4078, 0.2039, 0.0000
CMYK	0.41, 0.20, 0.00, 0.00
HSL	210°, 100%, 80%
HSV	210°, 41%, 100%
XYZ	52.1684, 56.5112, 102.7659
YIQ	193.3800, -47.6840, 5.1480

Conversions

Conversions Part 2

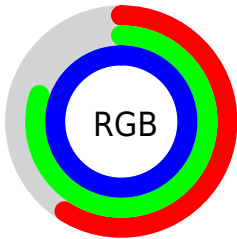
Format	Color
R _Y B	151, 186, 255
Decimal	9948159
CIE Lab	79.90, -4.00, -30.83
CIE LCh	80, 31.089, 262.610
Yxy	56.5112, 0.2467, 0.2673
Android (android.graphics.Color)	4288138239 (0xFF97CBFF)
YUV	193.3800, 30.3787, -37.1673
Hunter-Lab	75.1739, -7.6807, -28.4302

Details

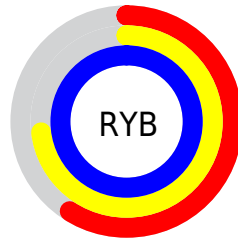
The Hex color **97CBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCB97**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D0FFFF**, and **5F95C6** is the 20% darker color. If you saturate the color by 10%, you get **7EBEFF**, and if you desaturate by 10%, it is **B1D8FF**.

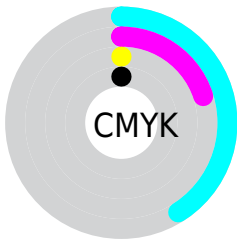
Distribution



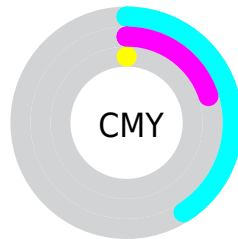
- Red (59%)
- Green (80%)
- Blue (100%)



- 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 97CBFF 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 97CBFF by changing the saturation by 10% instead.

 97CBFF

 97CBFF

FFFFFF

 7BB0E2

 D0FFFF

 5F95C6

 EEEFFF

 427BAB

 226390

 004B76

 00345D

 002045

 00042F

 000119

■ 97CBFF

■ 97CBFF

■ 7EBEFF

■ B1D8FF

■ 64B2FF

■ CAE5FF

■ 4BA5FF

■ E4F1FF

■ 3198FF

■ FDFEFF

■ 188BFF

FFFFFF

■ 0080FF

Harmonies

Analogous

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



75D2F3



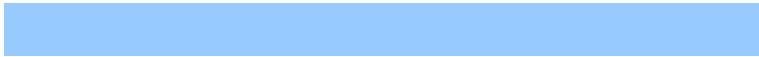
97CBFF



C1C1FB

Triad

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



97CBFF



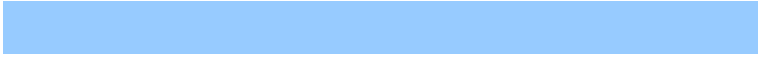
FFB2B1



A3D2A2

Complementary

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



97CBFF



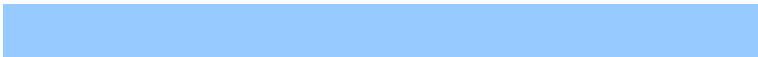
FFCB97

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.



C4CB90



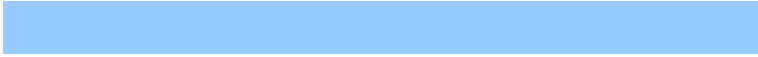
97CBFF



F7B899

Square

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



97CBFF



FBB1CE



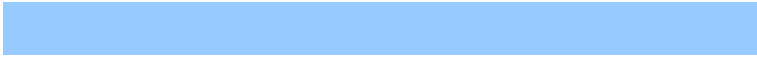
E2C28D



83D6BE

Rectangle

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



97CBFF



DABAF1



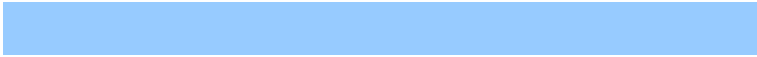
E2C28D



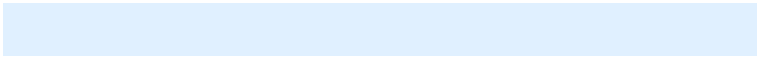
AED09B

Sweetspot

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



97CBFF



E0F0FF



97FFCB



6E7780



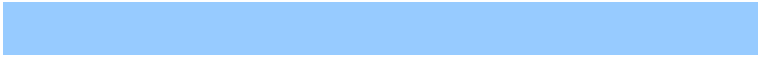
000000



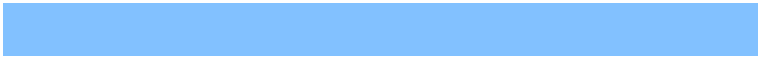
808080

Same Dimension

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



97CBFF



82C1FF



9797FF



737980



0060BF



002040

Inverse Universe

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



FF97CB



FF82C1



FFFF97



807379



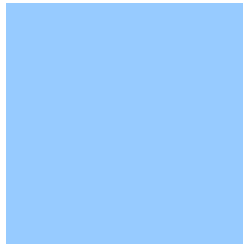
BF0060



400020

Previews

White Background



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

Color Contrast Check

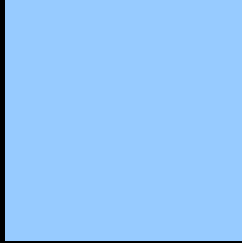
Large Text (above 18pt) WCAG AA × Fail

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 97CBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

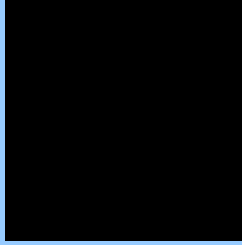
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

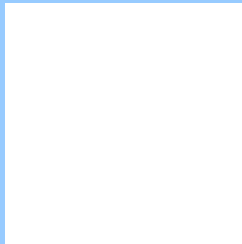
Any Text WCAG AAA ✓ Pass

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

Hex 97CBFF Background



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



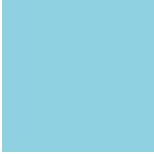
This preview shows how white text looks on a background with the Hex color 97CBFF.

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](#).

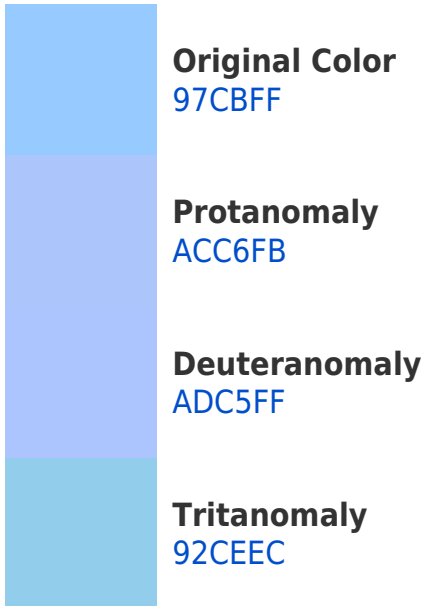
Dichromacy



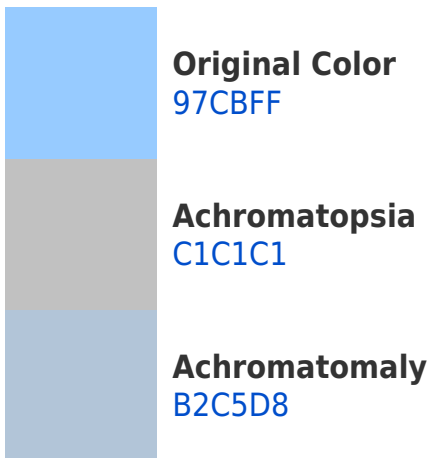


Tritanopia
8FDOE1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #97CBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor