

# Converting Colors

Hex(93C7FA)

Have a look what the booklet for  
Hex(93C7FA) contains.

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# **Color**

**Hex(93C7FA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93C7FA
RGB	147, 199, 250
RGB Percent	58%, 78%, 98%
CMY	0.4235, 0.2196, 0.0196
CMYK	0.41, 0.20, 0.00, 0.02
HSL	210°, 91%, 78%
HSV	210°, 41%, 98%
XYZ	49.7114, 53.9520, 98.2362
YIQ	189.2660, -47.3630, 4.8370

# Conversions

## Conversions Part 2

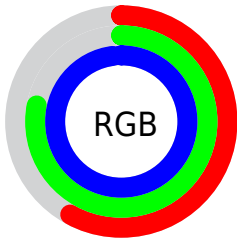
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">147, 182, 250</a>
Decimal	<a href="#">9684986</a>
CIELab	<a href="#">78.43, -4.19, -30.44</a>
CIELCh	<a href="#">78, 30.727, 262.157</a>
Yxy	<a href="#">53.9520, 0.2462, 0.2672</a>
Android (android.graphics.Color)	<a href="#">4287875066</a> ( <a href="#">0xFF93C7FA</a> )
YUV	<a href="#">189.2660, 29.9419, -37.0673</a>
Hunter-Lab	<a href="#">73.4520, -7.7346, -27.8792</a>

# Details

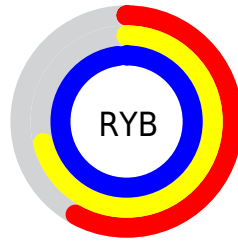
The Hex color **93C7FA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FAC693**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CCFFFF**, and **5B91C1** is the 20% darker color. If you saturate the color by 10%, you get **7ABBFA**, and if you desaturate by 10%, it is **ACD3FA**.

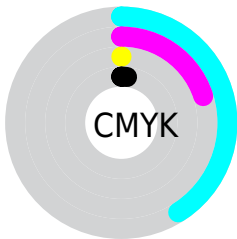
# Distribution



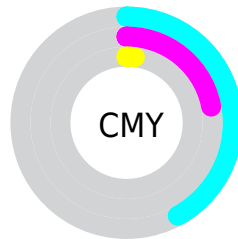
- Red (58%)
- Green (78%)
- Blue (98%)



- Red (58%)
- Yellow (71%)
- Blue (98%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (42%)
- Magenta (22%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93C7FA 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 93C7FA by changing the saturation by 10% instead.



■ 93C7FA

FFFFFF

■ CCFFFF

■ E9FFFF

■ 93C7FA

■ 77ACDD

■ 5B91C1

■ 3E78A6

■ 1D5F8C

■ 004872

■ 003159

■ 001D41

■ 00032B

■ 000115

 93C7FA

 93C7FA

 7ABBFA

 ACD3FA

 61AEFA

 C5E0FA

 48A2FA

 DEECFA

 2F95FA

 F7F9FA

 1689FA

 FFFFFA

 007EFA

# Harmonies

## Analogous

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



72CEEE



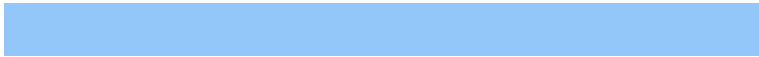
93C7FA



BCBDF7

# Triad

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



93C7FA



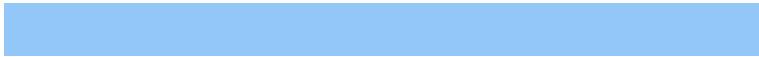
FCAEAE



A0CE9E

# Complementary

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



93C7FA



FAC693

# 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.



C0C78D



93C7FA



F3B496

# Square

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



93C7FA



F6AECB



DEBE8A



80D2B9

# Rectangle

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



93C7FA



D5B7EC



DEBE8A



ABCC97



# Sweetspot

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



93C7FA



E0F0FF



93FAC5



6E7780



000000



808080

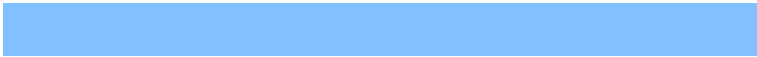


# Same Dimension

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



93C7FA



82C1FF



9395FA



70777D



005FBD



001F3D



# Inverse Universe

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



FA93C7



FF82C1



FAF893



7D7077



BD005F

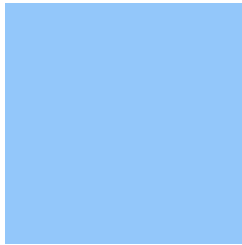


3D001F



# Previews

## White Background



This preview shows how the Hex color 93C7FA looks on a white background.

## Color Contrast Check

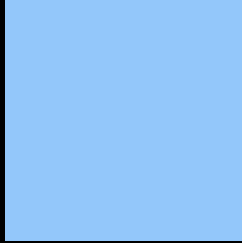
Large Text (above 18pt) WCAG AA × Fail

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 93C7FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

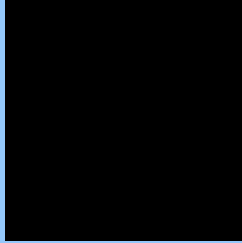
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

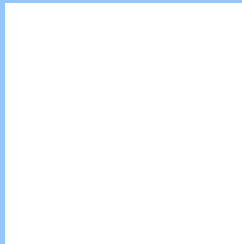
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93C7FA Background



This preview shows how black text looks on a background with the Hex color 93C7FA.

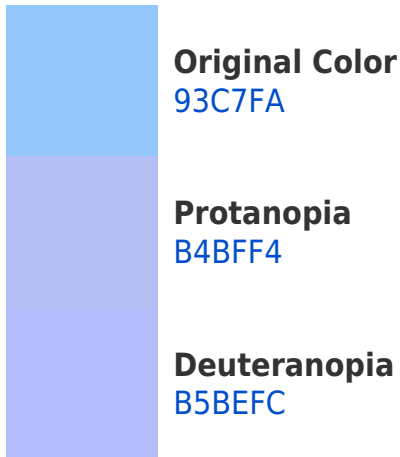


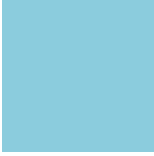
This preview shows how white text looks on a background with the Hex color 93C7FA.

# 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](#).

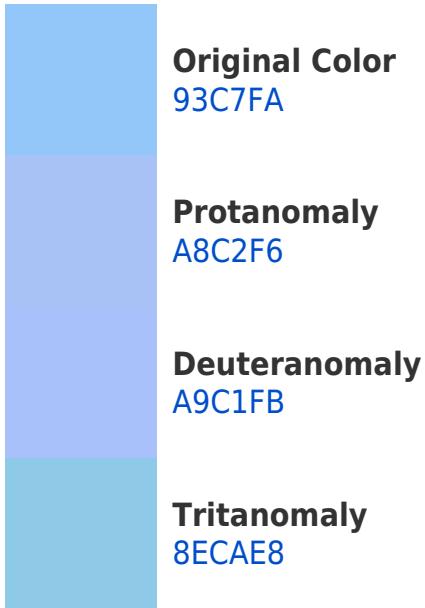
## Dichromacy



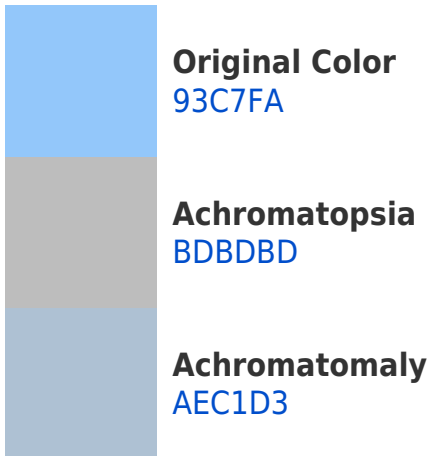


**Tritanopia**  
8BCCDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93C7FA 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 #93C7FA looks like.

```
.text, #text, p{  
    color:#93C7FA  
}
```

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 #93C7FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C7FA
}
```

## Border

The CSS property to change the border of an element to Hex 93C7FA 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
#93C7FA }
```

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

```
.border{ border-color:#93C7FA }
```

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

Here you see how a box with a 4 pixel #93C7FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C7FA; -webkit-box-shadow:4px 4px  
4px 4px #93C7FA; box-shadow:4px 4px 4px  
4px #93C7FA }
```

# Background

The CSS property to change the background color of an element to Hex 93C7FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C7FA }
```

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

```
.background{ background-color:#93C7FA }
```

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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