

Converting Colors

Hex(93C3FF)

Have a look what the booklet for
Hex(93C3FF) contains.

Hex(93C3FF)	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(93C3FF)

Conversions

Conversions Part 1

Format	Color
Hex	93C3FF
RGB	147, 195, 255
RGB Percent	58%, 76%, 100%
CMY	0.4235, 0.2353, 0.0000
CMYK	0.42, 0.24, 0.00, 0.00
HSL	213°, 100%, 79%
HSV	213°, 42%, 100%
XYZ	49.5977, 52.4533, 102.1182
YIQ	187.4880, -47.8680, 8.4840

Conversions

Conversions Part 2

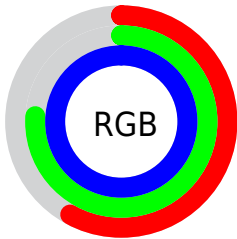
Format	Color
RYB	147, 180, 255
Decimal	9683967
CIELab	77.55, -0.70, -34.47
CIElCh	78, 34.481, 268.844
Yxy	52.4533, 0.2429, 0.2569
Android (android.graphics.Color)	4287874047 (0xFF93C3FF)
YUV	187.4880, 33.2834, -35.5080
Hunter-Lab	72.4246, -4.5030, -32.9012

Details

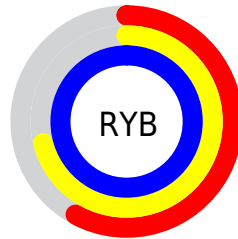
The Hex color **93C3FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCF93**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **CCFBFF**, and **5B8EC6** is the 20% darker color. If you saturate the color by 10%, you get **7AB5FF**, and if you desaturate by 10%, it is **ACD1FF**.

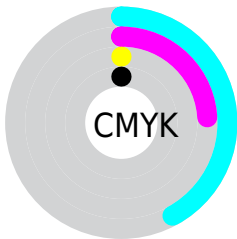
Distribution



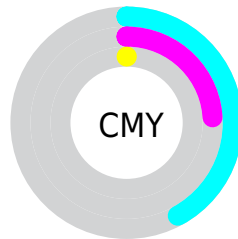
- Red (58%)
- Green (76%)
- Blue (100%)



- Red (58%)
- Yellow (71%)
- Blue (100%)



- Cyan (42%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93C3FF 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 93C3FF by changing the saturation by 10% instead.

 93C3FF

 93C3FF

FFFFFF

 77A8E2

 CCFBFF

 5B8EC6

 EAFFFF

 3D74AB

 1B5C90

 004476

 002E5D

 001A45

 00042E

 000119

 93C3FF

 93C3FF

 7AB5FF

 ACD1FF

 60A7FF

 C6DFFF

 4698FF

 E0EDFF

 2D8AFF

 F9FCFF

 137CFF

FFFFFF

 0071FF

Harmonies

Analogous

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



66CCF5



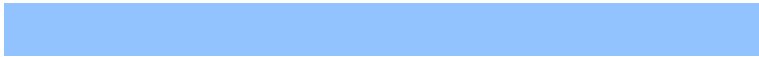
93C3FF



C2B8F8

Triad

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



93C3FF



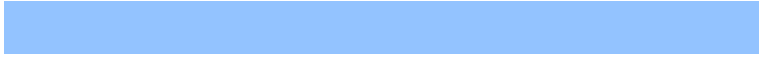
FEAAA2



90CE9E

Complementary

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



93C3FF



FFCF93

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.



B5C787



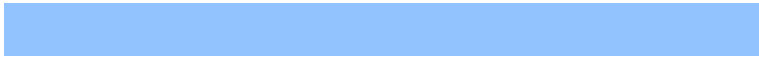
93C3FF



F1B28A

Square

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



93C3FF



FCA8C2



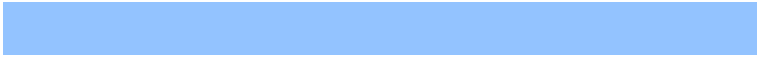
D7BD80



6BD1BD

Rectangle

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



93C3FF



DCB0EA



D7BD80



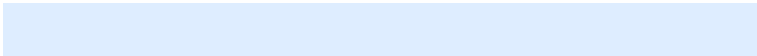
9DCC95

Sweetspot

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



93C3FF



DEEDFF



93FFCE



6B7480



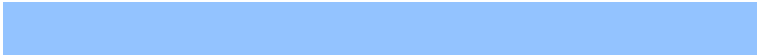
000000



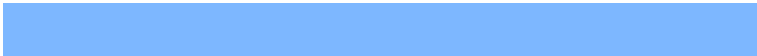
808080

Same Dimension

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



93C3FF



7DB7FF



9893FF



737880



0055BF



001C40

Inverse Universe

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



FF93C3



FF7DB7



FAFF93



807378



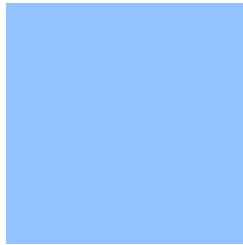
BF0055



40001C

Previews

White Background



This preview shows how the Hex color 93C3FF looks on a white background.

Color Contrast Check

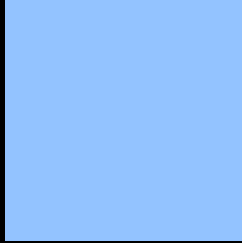
Large Text (above 18pt) WCAG AA × Fail

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 93C3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

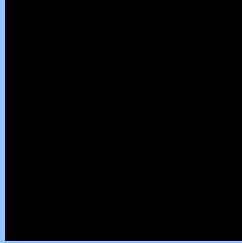
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

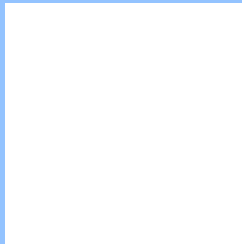
Any Text WCAG AAA ✓ Pass

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

Hex 93C3FF Background



This preview shows how black text looks on a background with the Hex color 93C3FF.

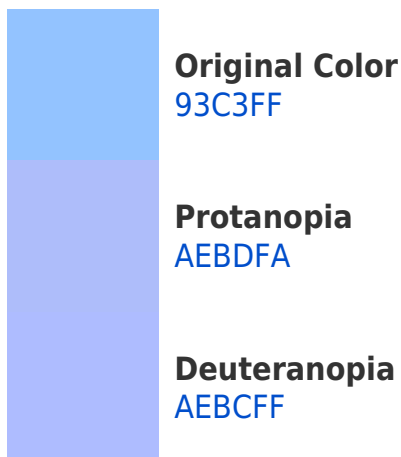


This preview shows how white text looks on a background with the Hex color 93C3FF.

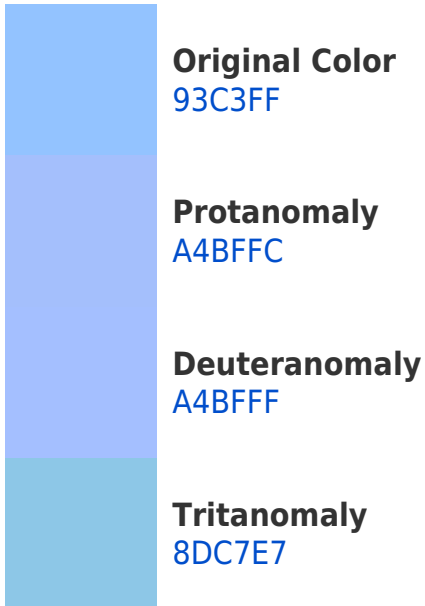
Color Blindness Simulation

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](#).

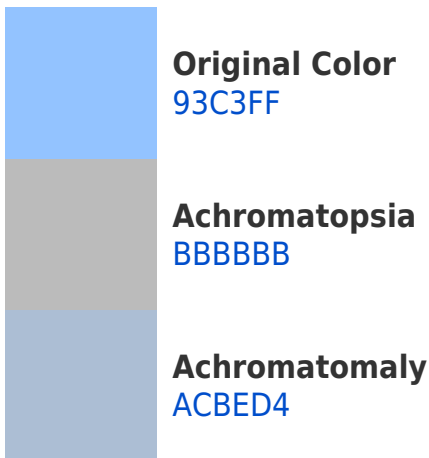
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93C3FF 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 #93C3FF looks like.

```
.text, #text, p{  
    color:#93C3FF  
}
```

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 #93C3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C3FF
}
```

Border

The CSS property to change the border of an element to Hex 93C3FF 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
#93C3FF }
```

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

```
.border{ border-color:#93C3FF }
```

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

Here you see how a box with a 4 pixel #93C3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C3FF; -webkit-box-shadow:4px 4px  
4px 4px #93C3FF; box-shadow:4px 4px 4px  
4px #93C3FF }
```

Background

The CSS property to change the background color of an element to Hex 93C3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C3FF }
```

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

```
.background{ background-color:#93C3FF }
```

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