

# Converting Colors

Hex(94C5FF)

Have a look what the booklet for  
Hex(94C5FF) contains.

<b>Hex(94C5FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(94C5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94C5FF
RGB	148, 197, 255
RGB Percent	58%, 77%, 100%
CMY	0.4196, 0.2275, 0.0000
CMYK	0.42, 0.23, 0.00, 0.00
HSL	213°, 100%, 79%
HSV	213°, 42%, 100%
XYZ	50.2290, 53.4484, 102.2770
YIQ	188.9610, -47.8220, 7.6500

# Conversions

## Conversions Part 2

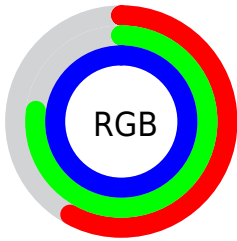
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">148, 182, 255</a>
Decimal	<a href="#">9750015</a>
<a href="#">CIELab</a>	<a href="#">78.14, -1.53, -33.56</a>
<a href="#">CIELCh</a>	<a href="#">78, 33.597, 267.392</a>
<a href="#">Yxy</a>	<a href="#">53.4484, 0.2439, 0.2595</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4287940095 (0xFF94C5FF)</a>
<a href="#">YUV</a>	<a href="#">188.9610, 32.5572, -35.9228</a>
<a href="#">Hunter-Lab</a>	<a href="#">73.1084, -5.3016, -31.7694</a>

# Details

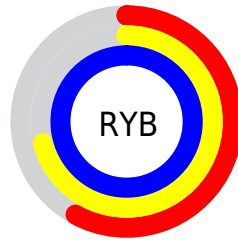
The Hex color **94C5FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCE94**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CDFEFF**, and **5C8FC6** is the 20% darker color. If you saturate the color by 10%, you get **7BB7FF**, and if you desaturate by 10%, it is **AED3FF**.

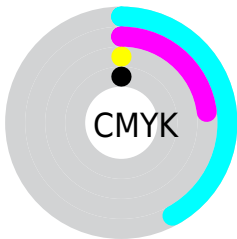
# Distribution



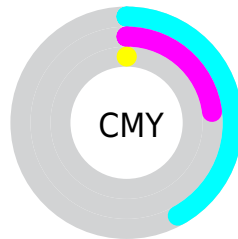
- Red (58%)
- Green (77%)
- Blue (100%)



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



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94C5FF 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 94C5FF by changing the saturation by 10% instead.



 94C5FF

 94C5FF

FFFFFF

 78AAE2

 CDFEFF

 5C8FC6

 EBFFFF

 3F76AB

 1D5D90

 004676

 00305D

 001C45

 00042F

 000119

 94C5FF

 94C5FF

 7BB7FF

 AED3FF

 61A9FF

 C7E1FF

 489CFF

 E1EEFF

 2E8EFF

 FAFcff

 1580FF

FFFFFF

 0075FF

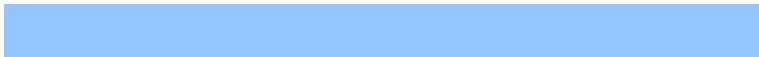
# Harmonies

## Analogous

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



6ACDF5



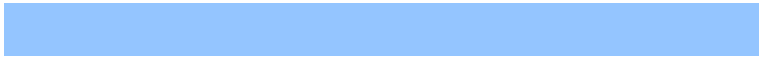
94C5FF



C2BAF9

# Triad

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



94C5FF



FFACA6



95CF9F

# Complementary

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



94C5FF



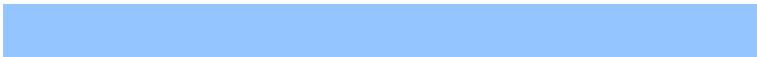
FFCE94

# 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.



B9C889



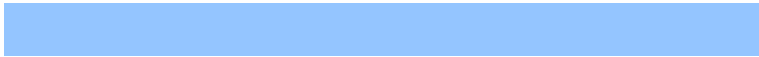
94C5FF



F2B48E

# Square

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



94C5FF



FCAAC5



DABE83



72D2BD

# Rectangle

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



94C5FF



DCB3EC



DABE83

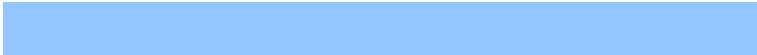


A1CD96

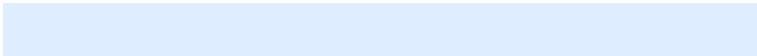


# Sweetspot

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



94C5FF



DEEDFF



94FFCD



6B7480



000000

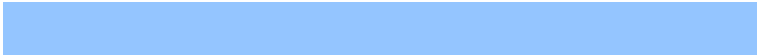


808080

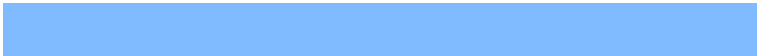


# Same Dimension

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



94C5FF



80BAFF



9894FF



737980



0058BF



001D40



# Inverse Universe

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



FF94C5



FF80BA



FBFF94



807379



BF0058

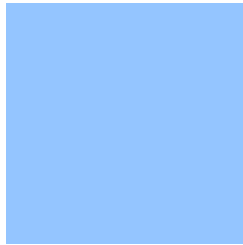


40001D



# Previews

## White Background



This preview shows how the Hex color 94C5FF looks on a white background.

## Color Contrast Check

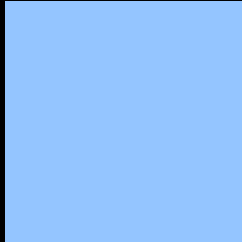
Large Text (above 18pt) WCAG AA × Fail

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 94C5FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

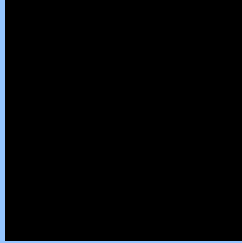
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

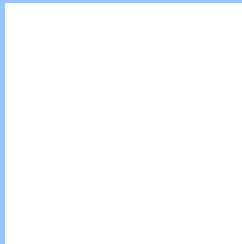
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94C5FF Background



This preview shows how black text looks on a background with the Hex color 94C5FF.



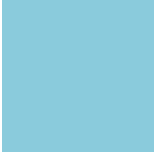
This preview shows how white text looks on a background with the Hex color 94C5FF.

# Color Blindness Simulation

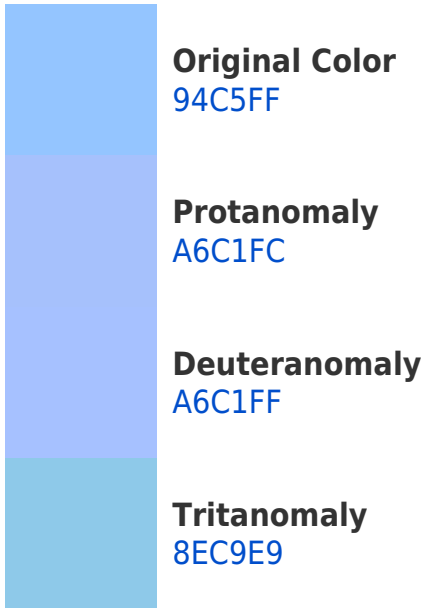
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

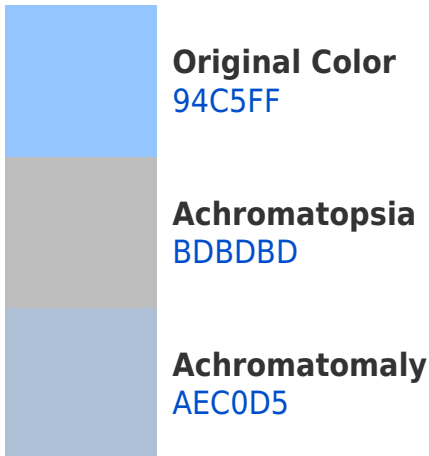




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94C5FF 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 #94C5FF looks like.

```
.text, #text, p{  
    color:#94C5FF  
}
```

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 #94C5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C5FF
}
```

## Border

The CSS property to change the border of an element to Hex 94C5FF 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
#94C5FF }
```

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

```
.border{ border-color:#94C5FF }
```

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

Here you see how a box with a 4 pixel #94C5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C5FF; -webkit-box-shadow:4px 4px  
4px 4px #94C5FF; box-shadow:4px 4px 4px  
4px #94C5FF }
```

# Background

The CSS property to change the background color of an element to Hex 94C5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C5FF }
```

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

```
.background{ background-color:#94C5FF }
```

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