

# Converting Colors

Hex(94C2F3)

Have a look what the booklet for  
Hex(94C2F3) contains.

<b>Hex(94C2F3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(94C2F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94C2F3
RGB	148, 194, 243
RGB Percent	58%, 76%, 95%
CMY	0.4196, 0.2392, 0.0471
CMYK	0.39, 0.20, 0.00, 0.05
HSL	211°, 80%, 77%
HSV	211°, 39%, 95%
XYZ	47.6822, 51.3505, 92.1925
YIQ	185.8320, -43.1450, 5.4870

# Conversions

## Conversions Part 2

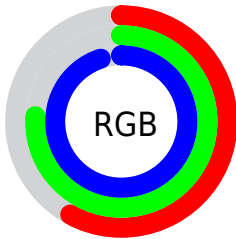
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 179, 243
Decimal	9749235
CIE <sub>Lab</sub>	76.89, -3.10, -29.05
CIE <sub>LCh</sub>	77, 29.217, 263.909
Yxy	51.3505, 0.2494, 0.2685
Android (android.graphics.Color)	4287939315 (0xFF94C2F3)
YUV	185.8320, 28.1838, -33.1787
Hunter-Lab	71.6593, -6.6296, -26.1175

# Details

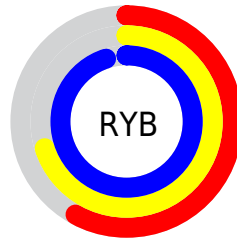
The Hex color **94C2F3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3C594**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CDFAFF**, and **5D8DBB** is the 20% darker color. If you saturate the color by 10%, you get **7CB5F3**, and if you desaturate by 10%, it is **ACCFF3**.

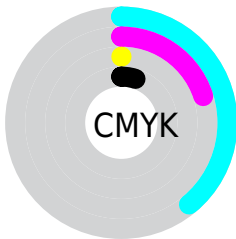
# Distribution



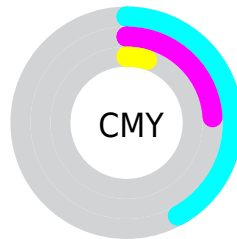
- Red (58%)
- Green (76%)
- Blue (95%)



- Red (58%)
- Yellow (70%)
- Blue (95%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (24%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94C2F3 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 94C2F3 by changing the saturation by 10% instead.



 94C2F3

 94C2F3

FFFFFF

 78A7D7

 CDFAFF

 5D8DBB

 EAFFFF

 4173A0

 235B85

 00436C

 002D53

 00193C

 000326

 00010F

■ 94C2F3

■ 94C2F3

■ 7CB5F3

■ ACCFF3

■ 63A9F3

■ C5DBF3

■ 4B9CF3

■ DDE8F3

■ 3390F3

■ F5F4F3

■ 1A83F3

■ FFFFF3

■ 0277F3

■ 0076F3

# Harmonies

## Analogous

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



74C9E9



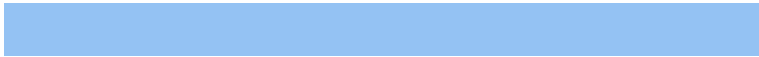
94C2F3



BBB9EF

# Triad

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



94C2F3



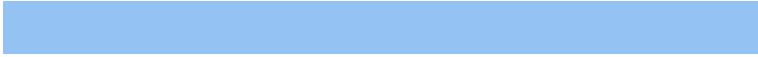
F5ABA9



9CC99D

# Complementary

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



94C2F3



F3C594

# 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.



BBC38C



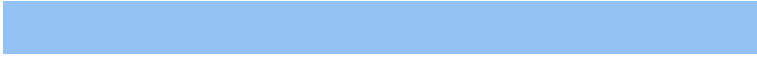
94C2F3



EBB193

# Square

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



94C2F3



EFAAC4



D7BA88



7ECDB7

# Rectangle

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



94C2F3



D1B3E5



D7BA88

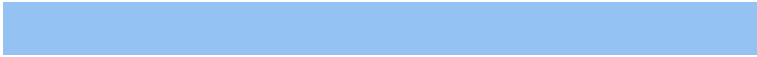


A6C796

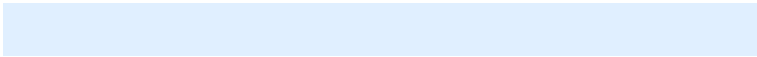


# Sweetspot

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



94C2F3



E0EFFF



94F3C3



6E7680



000000

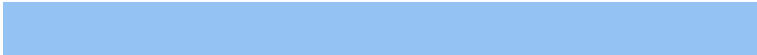


808080

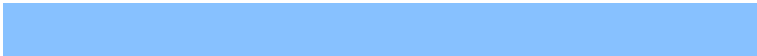


# Same Dimension

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



94C2F3



87C1FF



9494F3



6E747A



005ABA



001C3B



# Inverse Universe

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



F394C2



FF87C1



F3F394



7A6E74



BA005A

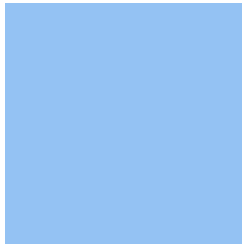


3B001C



# Previews

## White Background



This preview shows how the Hex color 94C2F3 looks on a white background.

## Color Contrast Check

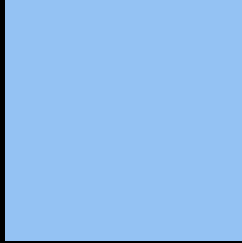
Large Text (above 18pt) WCAG AA × Fail

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 94C2F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

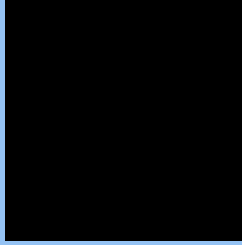
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

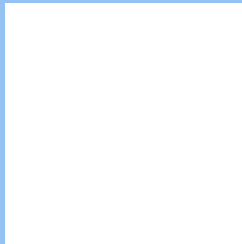
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94C2F3 Background



This preview shows how black text looks on a background with the Hex color 94C2F3.

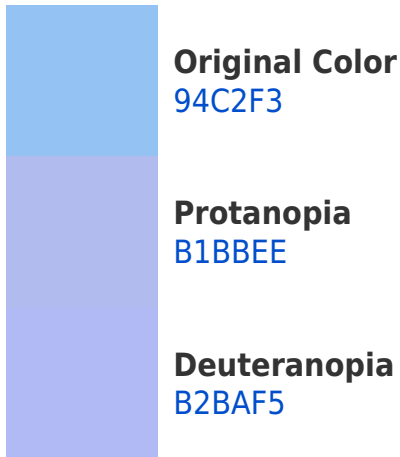


This preview shows how white text looks on a background with the Hex color 94C2F3.

# 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](#).

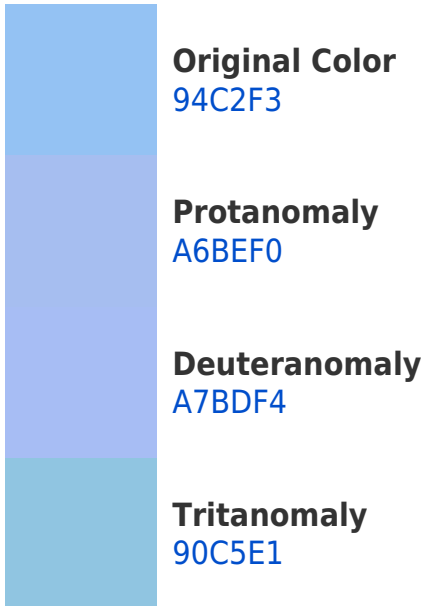
## Dichromacy



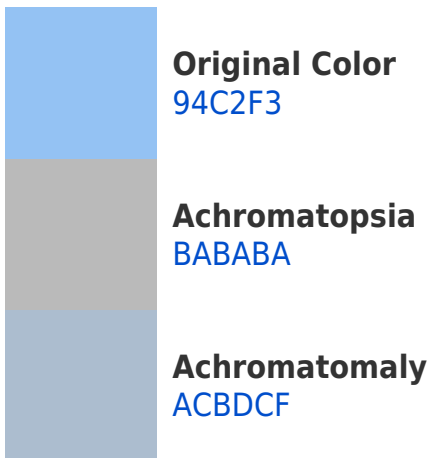


**Tritanopia**  
8DC7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94C2F3 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 #94C2F3 looks like.

```
.text, #text, p{  
    color:#94C2F3  
}
```

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 #94C2F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C2F3
}
```

## Border

The CSS property to change the border of an element to Hex 94C2F3 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
#94C2F3 }
```

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

```
.border{ border-color:#94C2F3 }
```

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

Here you see how a box with a 4 pixel #94C2F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C2F3; -webkit-box-shadow:4px 4px  
4px 4px #94C2F3; box-shadow:4px 4px 4px  
4px #94C2F3 }
```

# Background

The CSS property to change the background color of an element to Hex 94C2F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C2F3 }
```

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

```
.background{ background-color:#94C2F3 }
```

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