

# Converting Colors

Hex(94A4F1)

Have a look what the booklet for  
Hex(94A4F1) contains.

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# **Color**

**Hex(94A4F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94A4F1
RGB	148, 164, 241
RGB Percent	58%, 64%, 95%
CMY	0.4196, 0.3569, 0.0549
CMYK	0.39, 0.32, 0.00, 0.05
HSL	230°, 77%, 76%
HSV	230°, 39%, 95%
XYZ	41.3654, 39.1977, 88.6048
YIQ	167.9940, -34.2530, 20.5550

# Conversions

## Conversions Part 2

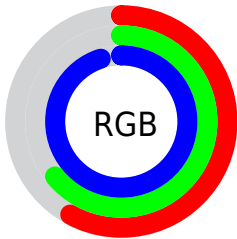
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 162, 241
Decimal	9741553
CIE <sub>Lab</sub>	68.89, 12.99, -40.35
CIE <sub>LCh</sub>	69, 42.391, 287.840
Yxy	39.1977, 0.2445, 0.2317
Android (android.graphics.Color)	4287931633 (0xFF94A4F1)
YUV	167.9940, 35.9920, -17.5347
Hunter-Lab	62.6081, 8.3715, -40.0833

# Details

The Hex color **94A4F1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F1E194**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CDDDBFF**, and **5D71B9** is the 20% darker color. If you saturate the color by 10%, you get **7C90F1**, and if you desaturate by 10%, it is **ACB8F1**.

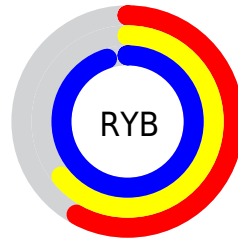
# Distribution



Red (58%)

Green (64%)

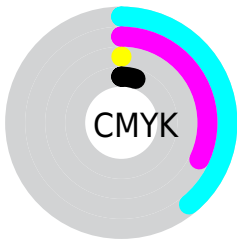
Blue (95%)



Red (58%)

Yellow (64%)

Blue (95%)

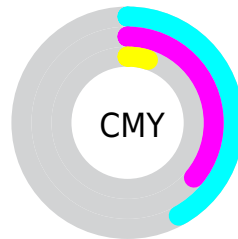


Cyan (39%)

Magenta (32%)

Yellow (0%)

Black (5%)



Cyan (42%)

Magenta (36%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94A4F1 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 94A4F1 by changing the saturation by 10% instead.



■ 94A4F1

■ 94A4F1

FFFFFF

■ 788AD4

■ CDD8FF

■ 5D71B9

■ EAF7FF

■ 41589D

■ 234183

■ 002B69

■ 001851

■ 000039

■ 000223

■ 00000A

 94A4F1

 94A4F1

 7C90F1

 ACB8F1

 647CF1

 C4CCF1

 4C68F1

 DCE0F1

 3454F1

 F4F4F1

 1C40F1

 FFFFF1

 032CF1

 0029F1

# Harmonies

## Analogous

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



4AB1F3



94A4F1



C896DC

# Triad

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



94A4F1



E89371



47BB97

# Complementary

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



94A4F1



F1E194

# 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.



7EB673



94A4F1



CEA05D

# Square

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



94A4F1



F28A93



AAAD5D



00BCBE

# Rectangle

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



94A4F1



E08EC6



AAAD5D



5CBA8A



# Sweetspot

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



94A4F1



E0E6FF



94F1E0



6E7180



000000



808080



# Same Dimension

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



94A4F1



8A9EFF



B194F1



6C6E78



0020B8



000A38



# Inverse Universe

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



F194A4



FF8A9E



D4F194



786C6E



B80020

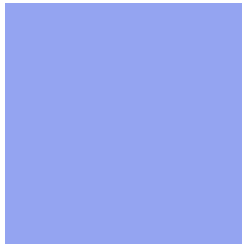


38000A



# Previews

## White Background



This preview shows how the Hex color 94A4F1 looks on a white background.

## Color Contrast Check

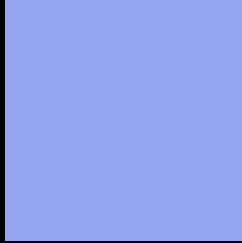
Large Text (above 18pt) WCAG AA × Fail

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 94A4F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

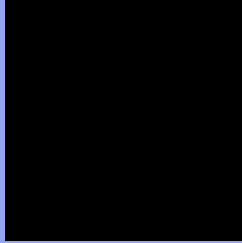
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94A4F1 Background



This preview shows how black text looks on a background with the Hex color 94A4F1.



This preview shows how white text looks on a background with the Hex color 94A4F1.

# 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



**Original Color**  
94A4F1

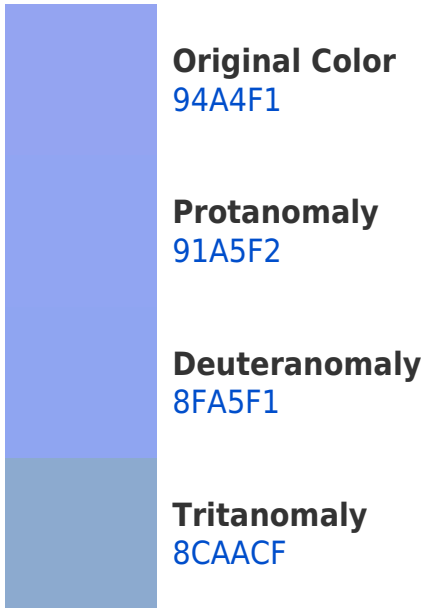
**Protanopia**  
8FA5F2

**Deuteranopia**  
8CA6F1

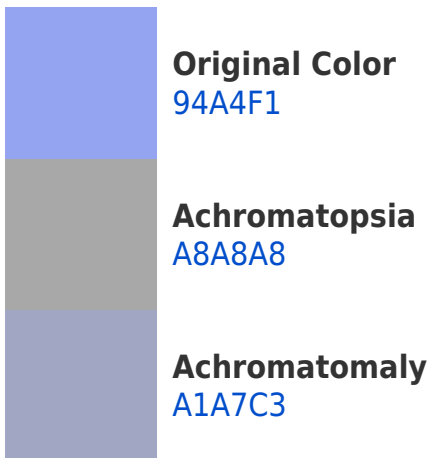


**Tritanopia**  
87AEB3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94A4F1 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 #94A4F1 looks like.

```
.text, #text, p{  
    color:#94A4F1  
}
```

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 #94A4F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A4F1
}
```

## Border

The CSS property to change the border of an element to Hex 94A4F1 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
#94A4F1 }
```

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

```
.border{ border-color:#94A4F1 }
```

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

Here you see how a box with a 4 pixel #94A4F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A4F1; -webkit-box-shadow:4px 4px  
4px 4px #94A4F1; box-shadow:4px 4px 4px  
4px #94A4F1 }
```

# Background

The CSS property to change the background color of an element to Hex 94A4F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A4F1 }
```

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

```
.background{ background-color:#94A4F1 }
```

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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