

# Converting Colors

Hex(94A9F3)

Have a look what the booklet for  
Hex(94A9F3) contains.

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# **Color**

**Hex(94A9F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94A9F3
RGB	148, 169, 243
RGB Percent	58%, 66%, 95%
CMY	0.4196, 0.3373, 0.0471
CMYK	0.39, 0.30, 0.00, 0.05
HSL	227°, 80%, 77%
HSV	227°, 39%, 95%
XYZ	42.5784, 41.1429, 90.4913
YIQ	171.1570, -36.2700, 18.5620

# Conversions

## Conversions Part 2

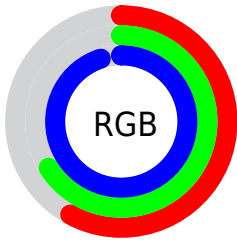
Format	Color
R <sub>Y</sub> B	148, 165, 243
Decimal	9742835
CIE Lab	70.28, 10.70, -39.29
CIE LCh	70, 40.717, 285.234
Yxy	41.1429, 0.2444, 0.2362
Android (android.graphics.Color)	4287932915 (0xFF94A9F3)
YUV	171.1570, 35.4186, -20.3087
Hunter-Lab	64.1427, 6.2397, -38.7452

# Details

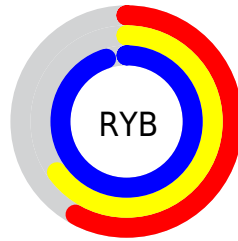
The Hex color **94A9F3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F3DE94**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CDE0FF**, and **5D75BA** is the 20% darker color. If you saturate the color by 10%, you get **7C96F3**, and if you desaturate by 10%, it is **ACBCF3**.

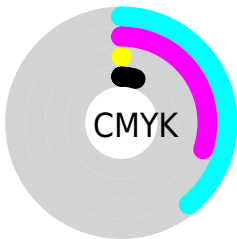
# Distribution



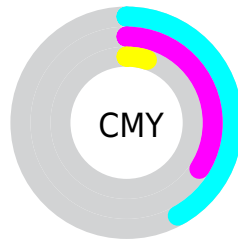
- Red (58%)
- Green (66%)
- Blue (95%)



- Red (58%)
- Yellow (65%)
- Blue (95%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (34%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94A9F3 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 94A9F3 by changing the saturation by 10% instead.



 94A9F3

 94A9F3

FFFFFF

 788FD6

 CDE0FF

 5D75BA

 EAFDFF

 415D9F

 234585

 002F6B

 001B53

 00003B

 000225

 00010D

■ 94A9F3

■ 94A9F3

■ 7C96F3

■ ACBCF3

■ 6383F3

■ C5CFF3

■ 4B70F3

■ DDE2F3

■ 335DF3

■ F5F5F3

■ 1A4AF3

■ FFFFF3

■ 0237F3

■ 0036F3

# Harmonies

## Analogous

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



50B5F3



94A9F3



C89BE0

# Triad

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



94A9F3



EB9779



56BE98

# Complementary

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



94A9F3



F3DE94

# 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.



87B976



94A9F3



D4A364

# Square

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



94A9F3



F48F9A



B1B063



00BFBE

# Rectangle

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



94A9F3



E094CC



B1B063



68BD8C



# Sweetspot

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



94A9F3



E0E7FF



94F3DD



6E7280



000000



808080



# Same Dimension

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



94A9F3



87A2FF



AD94F3



6E717A



0029BA



000D3B



# Inverse Universe

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



F394A9



FF87A2



DAF394



7A6E71



BA0029

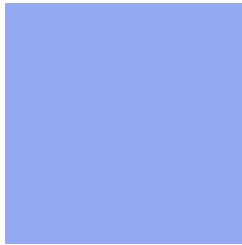


3B000D



# Previews

## White Background



This preview shows how the Hex color 94A9F3 looks on a white background.

## Color Contrast Check

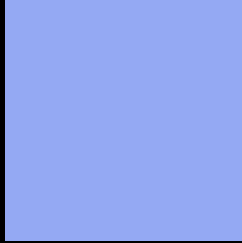
Large Text (above 18pt) WCAG AA × Fail

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 94A9F3 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 94A9F3 Background



This preview shows how black text looks on a background with the Hex color 94A9F3.



This preview shows how white text looks on a background with the Hex color 94A9F3.

# 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](#).

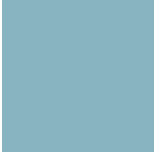
## Dichromacy



**Original Color**  
94A9F3

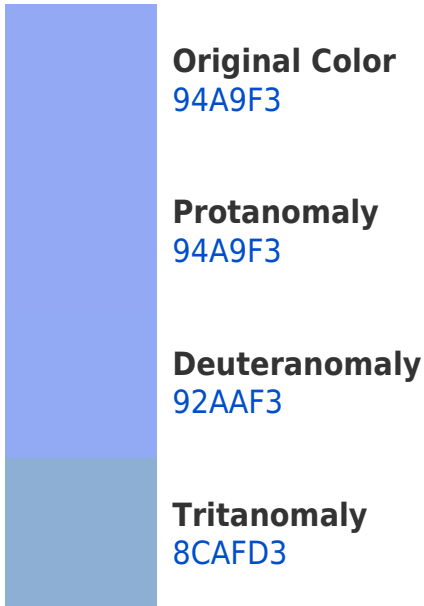
**Protanopia**  
94A9F3

**Deuteranopia**  
91AAF3

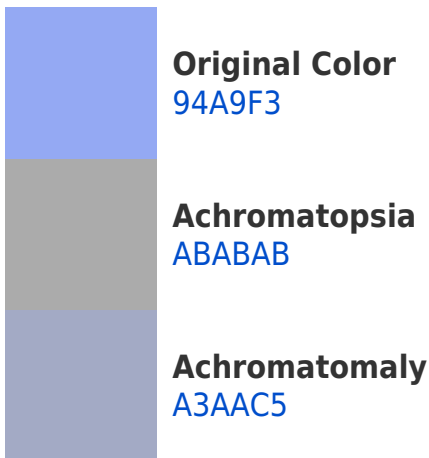


**Tritanopia**  
88B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94A9F3 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 #94A9F3 looks like.

```
.text, #text, p{  
    color:#94A9F3  
}
```

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 #94A9F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A9F3
}
```

## Border

The CSS property to change the border of an element to Hex 94A9F3 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
#94A9F3 }
```

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

```
.border{ border-color:#94A9F3 }
```

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

Here you see how a box with a 4 pixel #94A9F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A9F3; -webkit-box-shadow:4px 4px  
4px 4px #94A9F3; box-shadow:4px 4px 4px  
4px #94A9F3 }
```

# Background

The CSS property to change the background color of an element to Hex 94A9F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A9F3 }
```

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

```
.background{ background-color:#94A9F3 }
```

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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