

Converting Colors

Hex(90A8F3)

Have a look what the booklet for
Hex(90A8F3) contains.

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Color

Hex(90A8F3)

Conversions

Conversions Part 1

Format	Color
Hex	90A8F3
RGB	144, 168, 243
RGB Percent	56%, 66%, 95%
CMY	0.4353, 0.3412, 0.0471
CMYK	0.41, 0.31, 0.00, 0.05
HSL	225°, 80%, 76%
HSV	225°, 41%, 95%
XYZ	41.6819, 40.4056, 90.3962
YIQ	169.3740, -38.3790, 18.2370

Conversions

Conversions Part 2

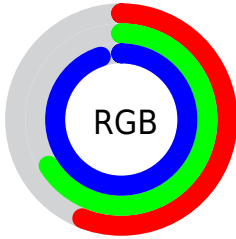
Format	Color
RYB	144, 163, 243
Decimal	9480435
CIELab	69.76, 10.23, -40.11
CIELCh	70, 41.398, 284.306
Yxy	40.4056, 0.2417, 0.2343
Android (android.graphics.Color)	4287670515 (0xFF90A8F3)
YUV	169.3740, 36.2976, -22.2530
Hunter-Lab	63.5654, 5.8087, -39.8204

Details

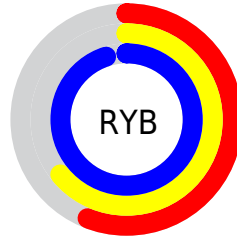
The Hex color **90A8F3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F3DB90**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C9DFFF**, and **5874BA** is the 20% darker color. If you saturate the color by 10%, you get **7896F3**, and if you desaturate by 10%, it is **A8BAF3**.

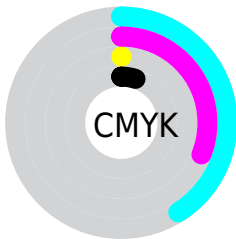
Distribution



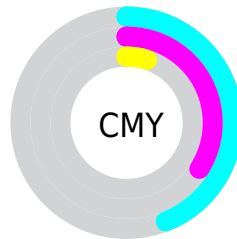
- Red (56%)
- Green (66%)
- Blue (95%)



- Red (56%)
- Yellow (64%)
- Blue (95%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)



- Cyan (44%)
- Magenta (34%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90A8F3 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 90A8F3 by changing the saturation by 10% instead.

 90A8F3

 90A8F3

FFFFFF

 748ED6

 C9DFFF

 5874BA

 E6FCFF

 3C5C9F

 1C4585

 002F6B

 001B52

 00003B

 000224

 00000D

■ 90A8F3

■ 90A8F3

■ 7896F3

■ A8BAF3

■ 5F83F3

■ C1CDF3

■ 4771F3

■ D9DFF3

■ 2F5EF3

■ F1F2F3

■ 174CF3

■ FFFFF3

■ 003BF3

Harmonies

Analogous

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



48B4F2



90A8F3



C59AE0

Triad

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



90A8F3



EB9578



54BD95

Complementary

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



90A8F3



F3DB90

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.



87B773



90A8F3



D3A162

Square

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



90A8F3



F38D9A



B1AE60



00BEBC

Rectangle

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



90A8F3



DE92CC



B1AE60



67BB89

Sweetspot

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



90A8F3



E0E8FF



90F3DA



6E7280



000000



808080

Same Dimension

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



90A8F3



82A0FF



A990F3



6E717A



002DBA



000E3B

Inverse Universe

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



F390A8



FF82A0



DAF390



7A6E71



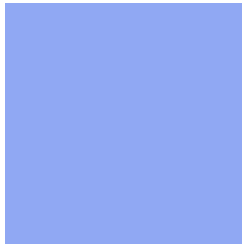
BA002D



3B000E

Previews

White Background



This preview shows how the Hex color 90A8F3 looks on a white background.

Color Contrast Check

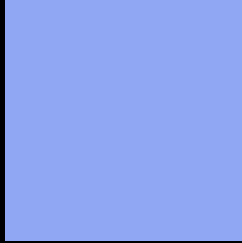
Large Text (above 18pt) WCAG AA × Fail

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 90A8F3 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 90A8F3 Background



This preview shows how black text looks on a background with the Hex color 90A8F3.



This preview shows how white text looks on a background with the Hex color 90A8F3.

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](#).

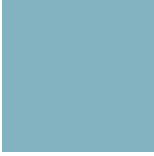
Dichromacy



Original Color
90A8F3

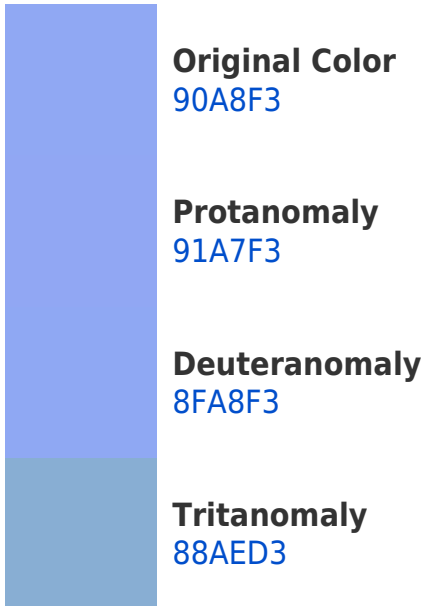
Protanopia
92A7F3

Deuteranopia
8EA8F3

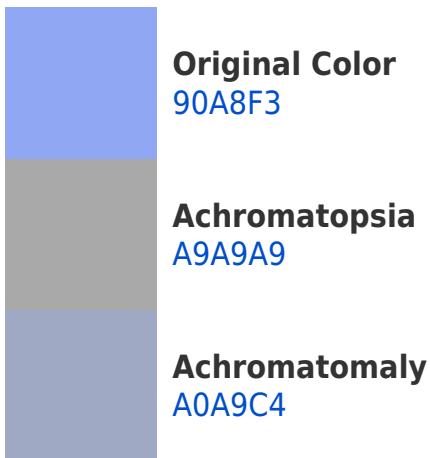


Tritanopia
83B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90A8F3 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 #90A8F3 looks like.

```
.text, #text, p{  
    color:#90A8F3  
}
```

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 #90A8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A8F3
}
```

Border

The CSS property to change the border of an element to Hex 90A8F3 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
#90A8F3 }
```

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

```
.border{ border-color:#90A8F3 }
```

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

Here you see how a box with a 4 pixel #90A8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A8F3; -webkit-box-shadow:4px 4px  
4px 4px #90A8F3; box-shadow:4px 4px 4px  
4px #90A8F3 }
```

Background

The CSS property to change the background color of an element to Hex 90A8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A8F3 }
```

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

```
.background{ background-color:#90A8F3 }
```

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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