

Converting Colors

Hex(9EA4F0)

Have a look what the booklet for
Hex(9EA4F0) contains.

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Color

Hex(9EA4F0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9EA4F0 |
| RGB | 158, 164, 240 |
| RGB Percent | 62%, 64%, 94% |
| CMY | 0.3804, 0.3569, 0.0588 |
| CMYK | 0.34, 0.32, 0.00, 0.06 |
| HSL | 236°, 73%, 78% |
| HSV | 236°, 34%, 94% |
| XYZ | 43.1042, 40.1113, 87.9085 |
| YIQ | 170.8700, -27.9720, 22.3640 |

Conversions

Conversions Part 2

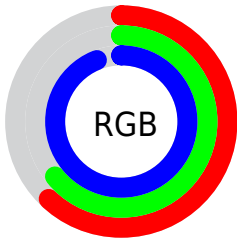
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 158, 164, 240 |
| Decimal | 10396912 |
| CIE _{Lab} | 69.55, 15.40, -38.73 |
| CIE _{LCh} | 70, 41.684, 291.685 |
| Y _{xy} | 40.1113, 0.2519, 0.2344 |
| Android (android.graphics.Color) | 4288586992 (0xFF9EA4F0) |
| YUV | 170.8700, 34.0811, -11.2870 |
| Hunter-Lab | 63.3335, 10.6519, -37.9626 |

Details

The Hex color **9EA4F0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F0EA9E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D7DBFF**, and **6870B8** is the 20% darker color. If you saturate the color by 10%, you get **868EF0**, and if you desaturate by 10%, it is **B6BAF0**.

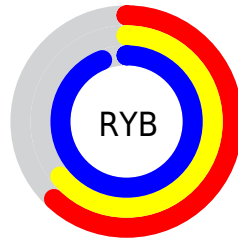
Distribution



Red (62%)

Green (64%)

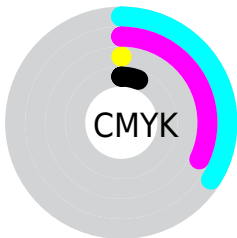
Blue (94%)



Red (62%)

Yellow (64%)

Blue (94%)

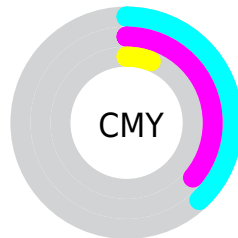


Cyan (34%)

Magenta (32%)

Yellow (0%)

Black (6%)



Cyan (38%)

Magenta (36%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA4F0 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 9EA4F0 by changing the saturation by 10% instead.

■ 9EA4F0

■ 9EA4F0

FFFFFF

■ 838AD3

■ D7DBFF

■ 6870B8

■ F4F7FF

■ 4D589C

■ 324182

■ 122B69

■ 001750

■ 000039

■ 000222

■ 000008

 9EA4F0

 9EA4F0

 868EF0

 B6BAF0

 6E78F0

 CED0F0

 5661F0

 E6E7F0

 3E4BF0

 FEFDF0

 2635F0

 FFFFF0

 0E1FF0

 0012F0

Harmonies

Analogous

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



5AB1F4



9EA4F0



CF96D9

Triad

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



9EA4F0



E69770



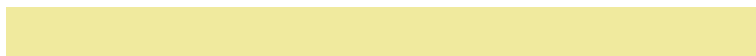
43BD9E

Complementary

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



9EA4F0



F0EA9E

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.



7AB97A



9EA4F0



CBA45E

Square

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



9EA4F0



F38D90



A6B062



00BEC5

Rectangle

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



9EA4F0



E58FC3



A6B062



58BC91

Sweetspot

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



9EA4F0



E6E7FF



9EF0E9



707180



000000



808080

Same Dimension

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



9EA4F0



969EFF



C09EF0



6C6D78



000DB8



000438

Inverse Universe

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



F09EA4



FF969E



CEF09E



786C6D



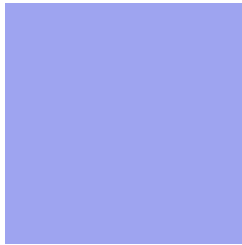
B8000D



380004

Previews

White Background



This preview shows how the Hex color 9EA4F0 looks on a white background.

Color Contrast Check

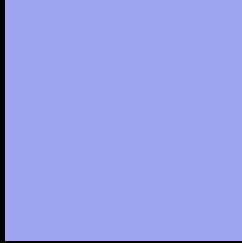
Large Text (above 18pt) WCAG AA × Fail

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 9EA4F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

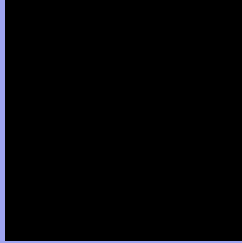
Any Text WCAG AA ✓ Pass

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 9EA4F0 Background



This preview shows how black text looks on a background with the Hex color 9EA4F0.



This preview shows how white text looks on a background with the Hex color 9EA4F0.

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
9EA4F0

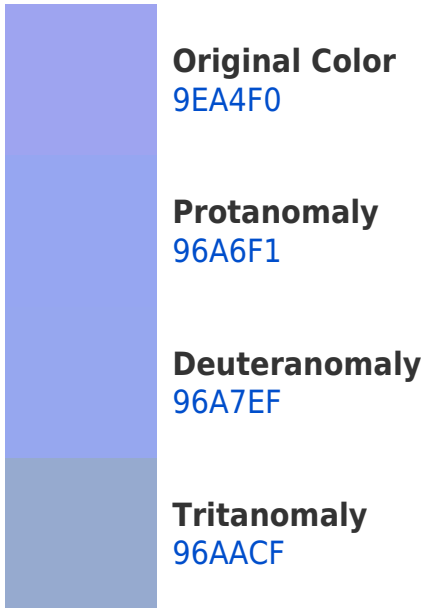
Protanopia
92A7F2

Deuteranopia
91A8EF

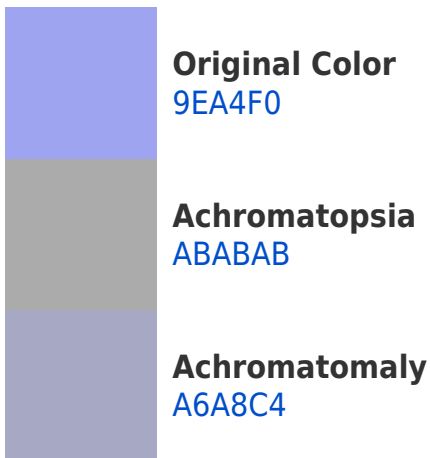


Tritanopia
92AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA4F0 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 #9EA4F0 looks like.

```
.text, #text, p{  
    color:#9EA4F0  
}
```

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 #9EA4F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA4F0
}
```

Border

The CSS property to change the border of an element to Hex 9EA4F0 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
#9EA4F0 }
```

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

```
.border{ border-color:#9EA4F0 }
```

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

Here you see how a box with a 4 pixel #9EA4F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA4F0; -webkit-box-shadow:4px 4px  
4px 4px #9EA4F0; box-shadow:4px 4px 4px  
4px #9EA4F0 }
```

Background

The CSS property to change the background color of an element to Hex 9EA4F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA4F0 }
```

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

```
.background{ background-color:#9EA4F0 }
```

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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