

# Converting Colors

Hex(9AA6EF)

Have a look what the booklet for  
Hex(9AA6EF) contains.

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# **Color**

**Hex(9AA6EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AA6EF
RGB	154, 166, 239
RGB Percent	60%, 65%, 94%
CMY	0.3961, 0.3490, 0.0627
CMYK	0.36, 0.31, 0.00, 0.06
HSL	232°, 73%, 77%
HSV	232°, 36%, 94%
XYZ	42.5426, 40.3745, 87.2122
YIQ	170.7340, -30.5850, 20.1590

# Conversions

## Conversions Part 2

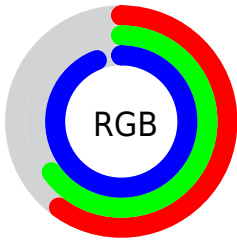
Format	Color
<a href="#">RYB</a>	<a href="#">154, 165, 239</a>
Decimal	<a href="#">10135279</a>
CIELab	<a href="#">69.74, 12.92, -37.92</a>
CIELCh	<a href="#">70, 40.060, 288.818</a>
Yxy	<a href="#">40.3745, 0.2501, 0.2373</a>
Android (android.graphics.Color)	<a href="#">4288325359</a> ( <a href="#">0xFF9AA6EF</a> )
YUV	<a href="#">170.7340, 33.6551, -14.6757</a>
Hunter-Lab	<a href="#">63.5409, 8.3148, -36.8990</a>

# Details

The Hex color **9AA6EF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EFE39A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D2DDFF**, and **6472B7** is the 20% darker color. If you saturate the color by 10%, you get **8291EF**, and if you desaturate by 10%, it is **B2BBEF**.

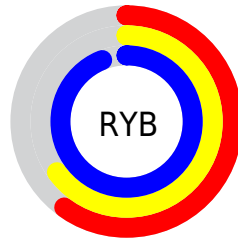
# Distribution



Red (60%)

Green (65%)

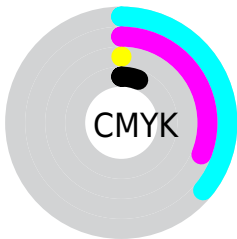
Blue (94%)



Red (60%)

Yellow (65%)

Blue (94%)

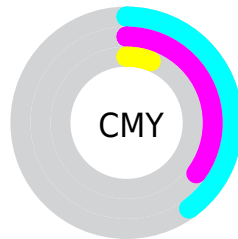


Cyan (36%)

Magenta (31%)

Yellow (0%)

Black (6%)



Cyan (40%)

Magenta (35%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA6EF 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 9AA6EF by changing the saturation by 10% instead.



■ 9AA6EF

■ 9AA6EF

FFFFFF

■ 7F8CD3

■ D2DDFF

■ 6472B7

■ F0F9FF

■ 495A9C

■ 2D4381

■ 092D68

■ 00194F

■ 000038

■ 000222

■ 000007

■ 9AA6EF

■ 9AA6EF

■ 8291EF

■ B2BBEF

■ 6A7DEF

■ CACFEF

■ 5268EF

■ E2E4EF

■ 3A54EF

■ FAF8EF

■ 223FEF

■ FFFFEF

■ 0B2BEF

■ 0022EF

# Harmonies

## Analogous

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



5AB2F1



9AA6EF



CB99DB

# Triad

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



9AA6EF



E79775



50BD9B

# Complementary

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



9AA6EF



EFE39A

# 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.



81B879



9AA6EF



CEA463

# Square

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



9AA6EF



F18F95



ABAF64



00BEC1

# Rectangle

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



9AA6EF



E191C5



ABAF64



62BC8F



# Sweetspot

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



9AA6EF



E3E7FF



9AEFE2



6F7180



000000



808080



# Same Dimension

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



9AA6EF



91A1FF



B89AEF



6C6E78



001AB8



000838



# Inverse Universe

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



EF9AA6



FF91A1



D1EF9A



786C6E



B8001A

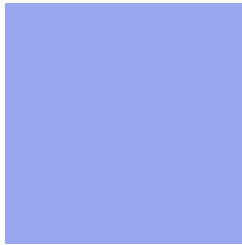


380008



# Previews

## White Background



This preview shows how the Hex color 9AA6EF looks on a white background.

## Color Contrast Check

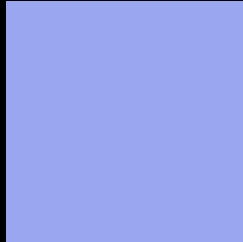
Large Text (above 18pt) WCAG AA × Fail

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 9AA6EF 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 9AA6EF Background



This preview shows how black text looks on a background with the Hex color 9AA6EF.



This preview shows how white text looks on a background with the Hex color 9AA6EF.

# 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](#).

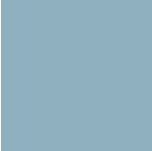
## Dichromacy



**Original Color**  
9AA6EF

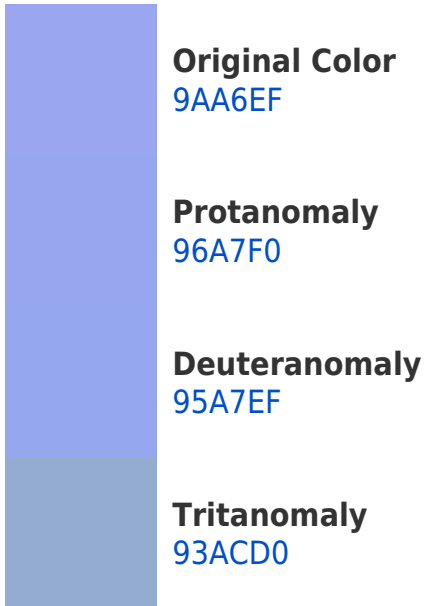
**Protanopia**  
93A8F0

**Deuteranopia**  
92A8EF

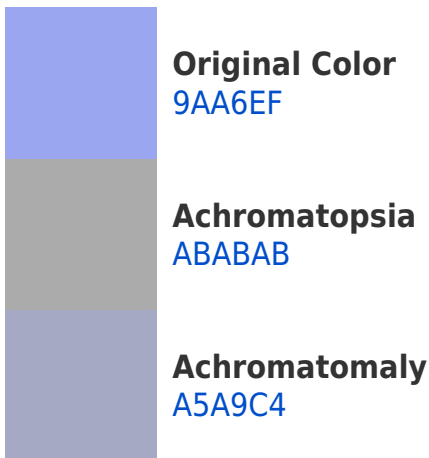


**Tritanopia**  
8FB0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA6EF 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 #9AA6EF looks like.

```
.text, #text, p{  
    color:#9AA6EF  
}
```

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 #9AA6EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA6EF
}
```

## Border

The CSS property to change the border of an element to Hex 9AA6EF 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
#9AA6EF }
```

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

```
.border{ border-color:#9AA6EF }
```

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

Here you see how a box with a 4 pixel #9AA6EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA6EF; -webkit-box-shadow:4px 4px  
4px 4px #9AA6EF; box-shadow:4px 4px 4px  
4px #9AA6EF }
```

# Background

The CSS property to change the background color of an element to Hex 9AA6EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA6EF }
```

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

```
.background{ background-color:#9AA6EF }
```

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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