

# Converting Colors

Hex(9BA6FA)

Have a look what the booklet for  
Hex(9BA6FA) contains.

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# **Color**

**Hex(9BA6FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BA6FA
RGB	155, 166, 250
RGB Percent	61%, 65%, 98%
CMY	0.3922, 0.3490, 0.0196
CMYK	0.38, 0.34, 0.00, 0.02
HSL	233°, 90%, 79%
HSV	233°, 38%, 98%
XYZ	44.4091, 41.1431, 96.0433
YIQ	172.2870, -33.5200, 23.7920

# Conversions

## Conversions Part 2

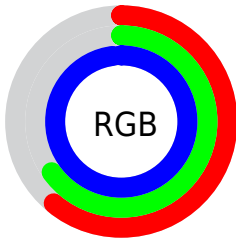
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 165, 250</a>
Decimal	<a href="#">10200826</a>
CIELab	<a href="#">70.28, 16.10, -43.06</a>
CIELCh	<a href="#">70, 45.969, 290.508</a>
Yxy	<a href="#">41.1431, 0.2445, 0.2266</a>
Android (android.graphics.Color)	<a href="#">4288390906 (0xFF9BA6FA)</a>
YUV	<a href="#">172.2870, 38.3125, -15.1607</a>
Hunter-Lab	<a href="#">64.1429, 11.3337, -43.8768</a>

# Details

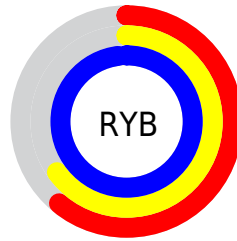
The Hex color **9BA6FA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FAEF9B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D4DDFF**, and **6472C1** is the 20% darker color. If you saturate the color by 10%, you get **8290FA**, and if you desaturate by 10%, it is **B4BCFA**.

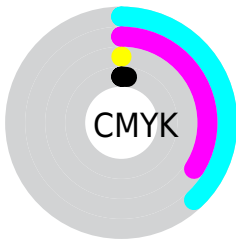
# Distribution



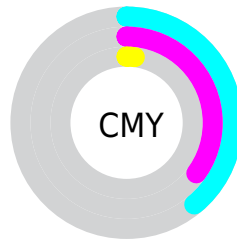
- Red (61%)
- Green (65%)
- Blue (98%)



- Red (61%)
- Yellow (65%)
- Blue (98%)



- Cyan (38%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (35%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BA6FA 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 9BA6FA by changing the saturation by 10% instead.



 9BA6FA

 9BA6FA

FFFFFF

 7F8CDD

 D4DDFF

 6472C1

 F1F9FF

 485AA6

 2A438B

 002D71

 001958

 000040

 000329

 000113

 9BA6FA

 9BA6FA

 8290FA

 B4BCFA

 697AFA

 CDD2FA

 5064FA

 E6E8FA

 374EFA

 FFFEFA

 1E37FA

 FFFFFA

 0521FA

 001DFA

# Harmonies

## Analogous

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



47B4FE



9BA6FA



D396E1

# Triad

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



9BA6FA



EF966D



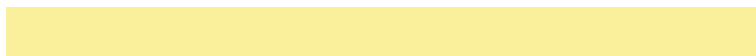
34C19D

# Complementary

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



9BA6FA



FAEF9B

# 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.



79BC75



9BA6FA



D1A558

# Square

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



9BA6FA



FC8B91



A9B25B



00C1C8

# Rectangle

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



9BA6FA



EB8EC9



A9B25B



50BF8F



# Sweetspot

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



9BA6FA



E3E6FF



9BFAEF



6F7180



000000



808080



# Same Dimension

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



9BA6FA



8A97FF



BF9BFA



70727D



0016BD



00073D



# Inverse Universe

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



FA9BA6



FF8A97



D6FA9B



7D7072



BD0016

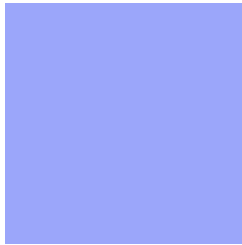


3D0007



# Previews

## White Background



This preview shows how the Hex color 9BA6FA looks on a white background.

## Color Contrast Check

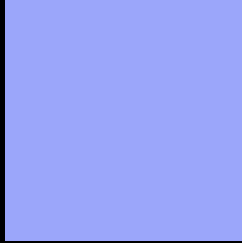
Large Text (above 18pt) WCAG AA × Fail

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 9BA6FA 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 9BA6FA Background



This preview shows how black text looks on a background with the Hex color 9BA6FA.



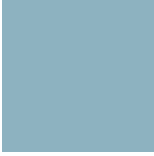
This preview shows how white text looks on a background with the Hex color 9BA6FA.

# 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](#).

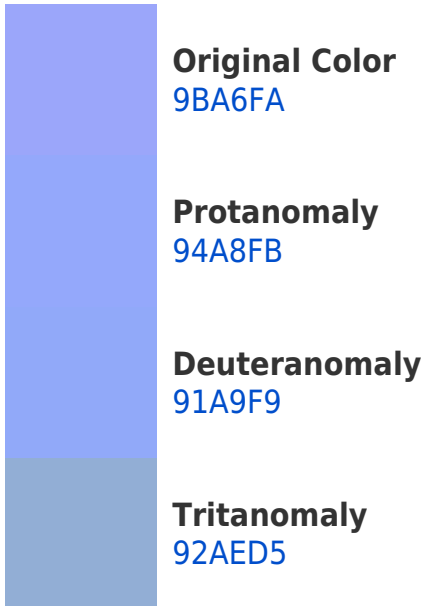
## Dichromacy



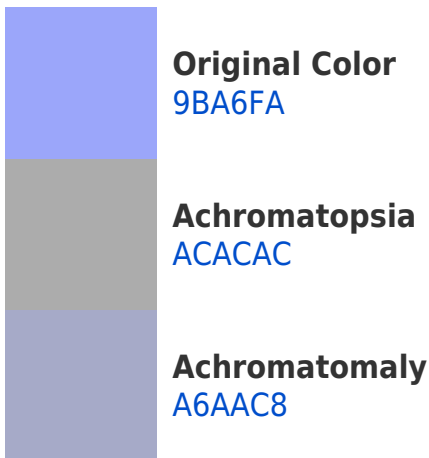


**Tritanopia**  
8DB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BA6FA 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 #9BA6FA looks like.

```
.text, #text, p{  
    color:#9BA6FA  
}
```

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 #9BA6FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BA6FA
}
```

## Border

The CSS property to change the border of an element to Hex 9BA6FA 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
#9BA6FA }
```

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

```
.border{ border-color:#9BA6FA }
```

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

Here you see how a box with a 4 pixel #9BA6FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BA6FA; -webkit-box-shadow:4px 4px  
4px 4px #9BA6FA; box-shadow:4px 4px 4px  
4px #9BA6FA }
```

# Background

The CSS property to change the background color of an element to Hex 9BA6FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BA6FA }
```

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

```
.background{ background-color:#9BA6FA }
```

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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