

# Converting Colors

Hex(9BA7F8)

Have a look what the booklet for  
Hex(9BA7F8) contains.

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# **Color**

**Hex(9BA7F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BA7F8
RGB	155, 167, 248
RGB Percent	61%, 65%, 97%
CMY	0.3922, 0.3451, 0.0275
CMYK	0.38, 0.33, 0.00, 0.03
HSL	232°, 87%, 79%
HSV	232°, 38%, 97%
XYZ	44.2796, 41.3833, 94.4609
YIQ	172.6460, -33.1530, 22.6470

# Conversions

## Conversions Part 2

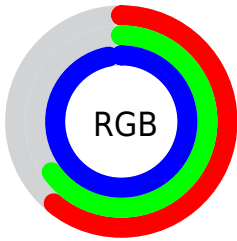
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	155, 166, 248
Decimal	10201080
CIE Lab	70.44, 15.01, -41.71
CIE LCh	70, 44.325, 289.787
Yxy	41.3833, 0.2458, 0.2297
Android (android.graphics.Color)	4288391160 (0xFF9BA7F8)
YUV	172.6460, 37.1495, -15.4755
Hunter-Lab	64.3299, 10.2880, -42.0296

# Details

The Hex color **9BA7F8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F8EC9B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D4DEFF**, and **6473BF** is the 20% darker color. If you saturate the color by 10%, you get **8291F8**, and if you desaturate by 10%, it is **B4BDF8**.

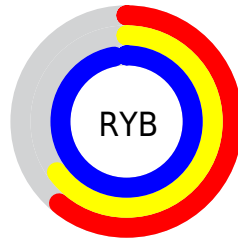
# Distribution



Red (61%)

Green (65%)

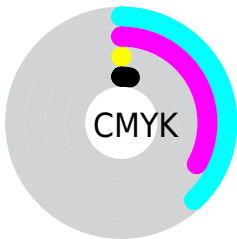
Blue (97%)



Red (61%)

Yellow (65%)

Blue (97%)

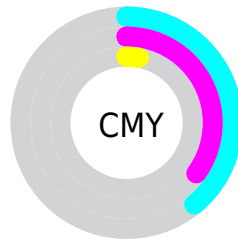


Cyan (38%)

Magenta (33%)

Yellow (0%)

Black (3%)



Cyan (39%)

Magenta (35%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BA7F8 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 9BA7F8 by changing the saturation by 10% instead.



 9BA7F8

 9BA7F8

FFFFFF

 7F8DDB


 D4DEFF

 6473BF

 F1FBFF

 485BA4

 2B4489

 012E6F

 001A57

 00003F

 000328

 000112

 9BA7F8

 9BA7F8

 8291F8

 B4BDF8

 697CF8

 CDD2F8

 5166F8

 E5E8F8

 3851F8

 FEFDF8

 1F3BF8

 FFFFF8

 0625F8

 0020F8

# Harmonies

## Analogous

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



4DB4FB



9BA7F8



D198E1

# Triad

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



9BA7F8



EE9770



3FC09D

# Complementary

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



9BA7F8



F8EC9B

# 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.



7CBB77



9BA7F8



D2A55C

# Square

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



9BA7F8



FA8D93



ABB25E



00C1C6

# Rectangle

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



9BA7F8



E990C9



ABB25E



57BF8F



# Sweetspot

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



9BA7F8



E3E7FF



9BF8EC



6F7180



000000



808080



# Same Dimension

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



9BA7F8



8C9BFF



BD9BF8



70727D



0018BD



00083D



# Inverse Universe

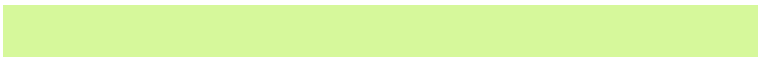
The Inverse Universe completely reimagines the original color for something new.



F89BA7



FF8C9B



D6F89B



7D7072



BD0018

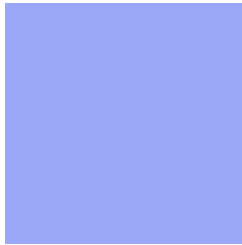


3D0008



# Previews

## White Background



This preview shows how the Hex color 9BA7F8 looks on a white background.

## Color Contrast Check

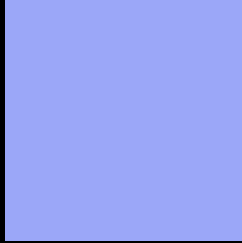
Large Text (above 18pt) WCAG AA × Fail

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 9BA7F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

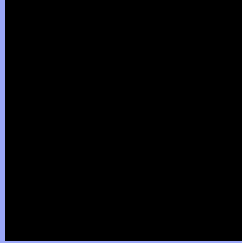
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BA7F8 Background



This preview shows how black text looks on a background with the Hex color 9BA7F8.



This preview shows how white text looks on a background with the Hex color 9BA7F8.

# 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**  
9BA7F8

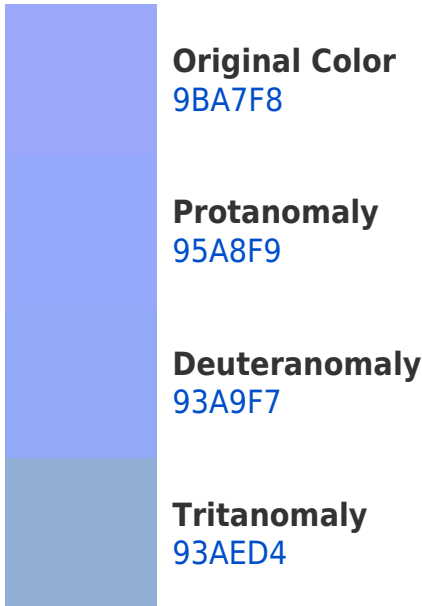
**Protanopia**  
92A9FA

**Deuteranopia**  
8FAAF7

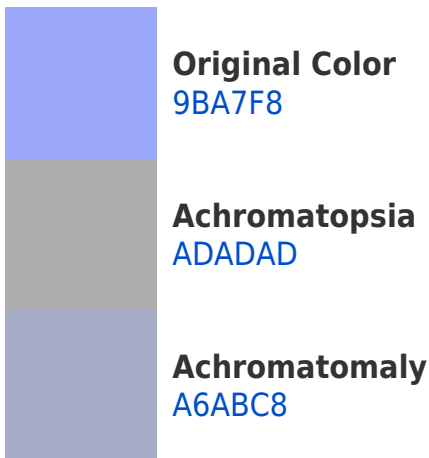


**Tritanopia**  
8EB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BA7F8 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 #9BA7F8 looks like.

```
.text, #text, p{  
    color:#9BA7F8  
}
```

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 #9BA7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BA7F8  
}
```

## Border

The CSS property to change the border of an element to Hex 9BA7F8 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  
#9BA7F8 }
```

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

```
.border{ border-color:#9BA7F8 }
```

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

Here you see how a box with a 4 pixel #9BA7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BA7F8; -webkit-box-shadow:4px 4px  
4px 4px #9BA7F8; box-shadow:4px 4px 4px  
4px #9BA7F8 }
```

# Background

The CSS property to change the background color of an element to Hex 9BA7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BA7F8 }
```

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

```
.background{ background-color:#9BA7F8 }
```

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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