

# Converting Colors

Hex(9A84F9)

Have a look what the booklet for  
Hex(9A84F9) contains.

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# Color

**Hex(9A84F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A84F9
RGB	154, 132, 249
RGB Percent	60%, 52%, 98%
CMY	0.3961, 0.4824, 0.0235
CMYK	0.38, 0.47, 0.00, 0.02
HSL	251°, 91%, 75%
HSV	251°, 47%, 98%
XYZ	38.6766, 30.2121, 93.4156
YIQ	151.9160, -24.4450, 41.0510

# Conversions

## Conversions Part 2

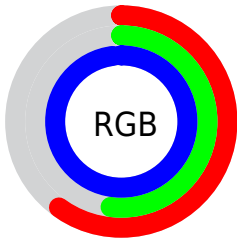
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	154, 132, 249
Decimal	10126585
CIELab	61.84, 35.01, -55.84
CIELCh	62, 65.909, 302.088
Yxy	30.2121, 0.2383, 0.1861
Android (android.graphics.Color)	4288316665 (0xFF9A84F9)
YUV	151.9160, 47.8624, 1.8277
Hunter-Lab	54.9655, 29.4121, -62.2892

# Details

The Hex color **9A84F9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E3F984**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D4B9FF**, and **6152C0** is the 20% darker color. If you saturate the color by 10%, you get **866BF9**, and if you desaturate by 10%, it is **AE9DF9**.

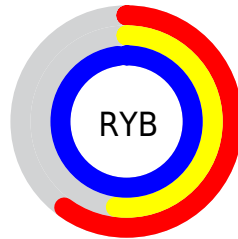
# Distribution



Red (60%)

Green (52%)

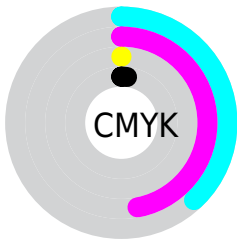
Blue (98%)



Red (60%)

Yellow (52%)

Blue (98%)

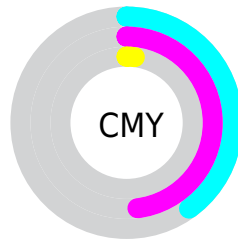


Cyan (38%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (40%)

Magenta (48%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A84F9 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 9A84F9 by changing the saturation by 10% instead.




 9A84F9

 9A84F9

FFFFFF

 7E6BDC

 D4B9FF

 6152C0

 F1D5FF

 443BA4

 FFF2FF

 242489

 000F6F

 000056

 00063E

 000327

 000110

 9A84F9

 9A84F9

 866BF9

 AE9DF9

 7252F9

 C2B6F9

 5D39F9

 D7CFF9

 4920F9

 EBE8F9

 3508F9

 FFFFF9

 2F00F9

# Harmonies

## Analogous

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



009BFF



9A84F9



DF69CD

# Triad

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



9A84F9



DC7E29



00B098

# Complementary

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



9A84F9



E3F984

# 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.



00AD5C



9A84F9



AE9400

# Square

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



9A84F9



F9655B



73A426



00B0D2

# Rectangle

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



9A84F9



F65DA7



73A426



00B083



# Sweetspot

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



9A84F9



E2DBFF



84E4F9



6E6A80



000000



808080



# Same Dimension

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



9A84F9



8B70FF



D484F9



73707D



2300BD



0C003D



# Inverse Universe

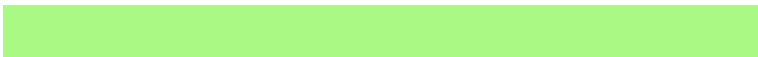
The Inverse Universe completely reimagines the original color for something new.



F984E3



FF70E4



A9F984



7D707B



BD0099

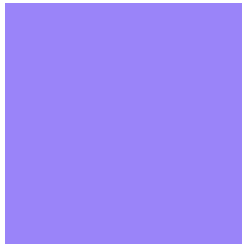


3D0032



# Previews

## White Background



This preview shows how the Hex color 9A84F9 looks on a white background.

## Color Contrast Check

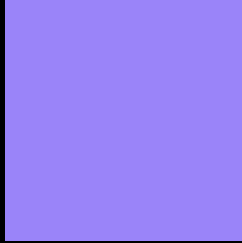
Large Text (above 18pt) WCAG AA × Fail

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 9A84F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

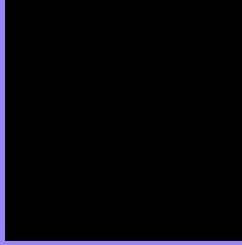
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9A84F9 Background



This preview shows how black text looks on a background with the Hex color 9A84F9.



This preview shows how white text looks on a background with the Hex color 9A84F9.

# 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**  
8798A4

# Trichromacy



**Original Color**  
9A84F9



**Protanomaly**  
798DFD



**Deuteranomaly**  
718FF6



**Tritanomaly**  
8E91C3

# Monochromacy



**Original Color**  
9A84F9



**Achromatopsia**  
989898



**Achromatomaly**  
9991BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A84F9 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 #9A84F9 looks like.

```
.text, #text, p{  
    color:#9A84F9  
}
```

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 #9A84F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A84F9
}
```

## Border

The CSS property to change the border of an element to Hex 9A84F9 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
#9A84F9 }
```

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

```
.border{ border-color:#9A84F9 }
```

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

Here you see how a box with a 4 pixel #9A84F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A84F9; -webkit-box-shadow:4px 4px  
4px 4px #9A84F9; box-shadow:4px 4px 4px  
4px #9A84F9 }
```

# Background

The CSS property to change the background color of an element to Hex 9A84F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A84F9 }
```

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

```
.background{ background-color:#9A84F9 }
```

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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