

# Converting Colors

Hex(A896F8)

Have a look what the booklet for  
Hex(A896F8) contains.

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# Color

**Hex(A896F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A896F8
RGB	168, 150, 248
RGB Percent	66%, 59%, 97%
CMY	0.3412, 0.4118, 0.0275
CMYK	0.32, 0.40, 0.00, 0.03
HSL	251°, 88%, 78%
HSV	251°, 40%, 97%
XYZ	43.9981, 36.9148, 93.6133
YIQ	166.5540, -20.7300, 34.2940

# Conversions

## Conversions Part 2

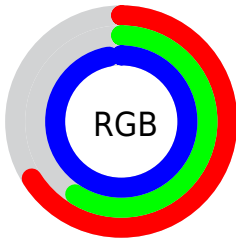
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 150, 248</a>
Decimal	<a href="#">11048696</a>
CIELab	<a href="#">67.21, 28.11, -46.71</a>
CIElCh	<a href="#">67, 54.510, 301.039</a>
Yxy	<a href="#">36.9148, 0.2521, 0.2115</a>
Android (android.graphics.Color)	<a href="#">4289238776</a> ( <a href="#">0xFFA896F8</a> )
YUV	<a href="#">166.5540, 40.1529, 1.2681</a>
Hunter-Lab	<a href="#">60.7576, 22.9364, -48.8218</a>

# Details

The Hex color **A896F8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E6F896**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E1CCFF**, and **7163BF** is the 20% darker color. If you saturate the color by 10%, you get **947DF8**, and if you desaturate by 10%, it is **BCAFF8**.

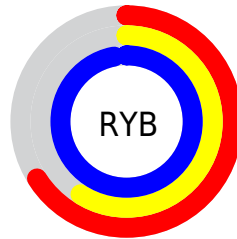
# Distribution



Red (66%)

Green (59%)

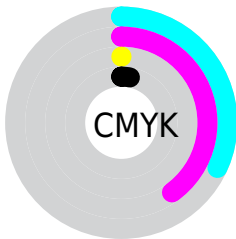
Blue (97%)



Red (66%)

Yellow (59%)

Blue (97%)

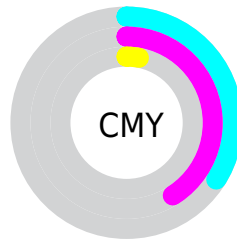


Cyan (32%)

Magenta (40%)

Yellow (0%)

Black (3%)



Cyan (34%)

Magenta (41%)


Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A896F8 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 A896F8 by changing the saturation by 10% instead.



 A896F8

 A896F8

FFFFFF

 8C7CDB

 E1CCFF

 7163BF

 FFE9FF

 564BA4

 3A3489

 1C1F6F

 000A56

 00003E

 000327

 000111

 A896F8

 A896F8

 947DF8

 BCAFF8

 8064F8

 D0C8F8

 6B4CF8

 E5E0F8

 5733F8

 F9F9F8

 431AF8

 FFFFF8

 2F01F8

 2E00F8

# Harmonies

## Analogous

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



41A8FF



A896F8



E183D4

# Triad

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



A896F8



E58F4E



00BCA4

# Complementary

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



A896F8



E6F896

# 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.



48B872



A896F8



BEA23C

# Square

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



A896F8



FC7E74



8CB04B



00BBD5

# Rectangle

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



A896F8



F67AB5



8CB04B



00BB93



# Sweetspot

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



A896F8



E6E0FF



96E6F8



716E80



000000



808080



# Same Dimension

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



A896F8



9D87FF



D996F8



73707D



2300BD



0B003D



# Inverse Universe

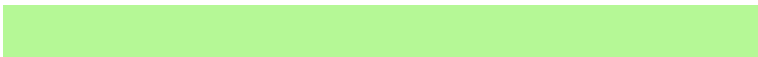
The Inverse Universe completely reimagines the original color for something new.



F896E6



FF87E9



B5F896



7D707B



BD009A

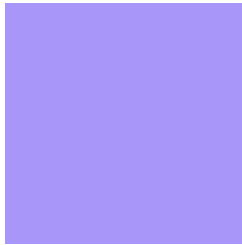


3D0032



# Previews

## White Background



This preview shows how the Hex color A896F8 looks on a white background.

## Color Contrast Check

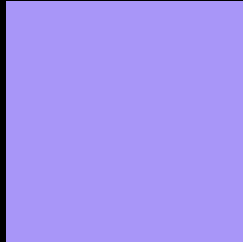
Large Text (above 18pt) WCAG AA × Fail

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 A896F8 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 A896F8 Background



This preview shows how black text looks on a background with the Hex color A896F8.

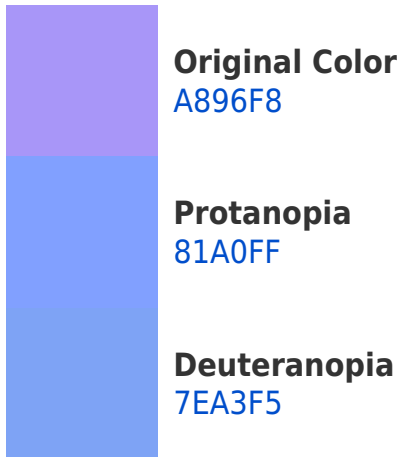


This preview shows how white text looks on a background with the Hex color A896F8.

# 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](#).

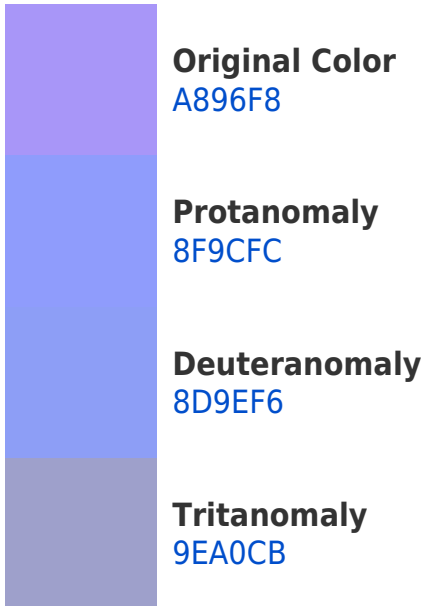
## Dichromacy



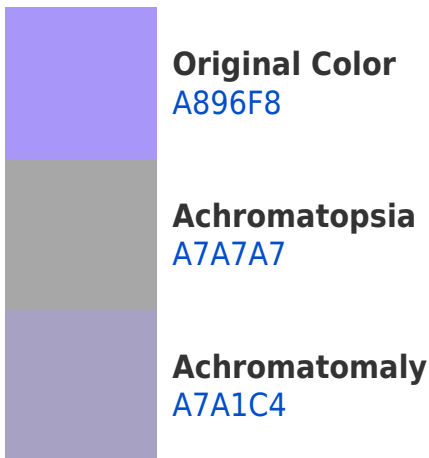


**Tritanopia**  
99A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A896F8 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 #A896F8 looks like.

```
.text, #text, p{  
    color:#A896F8  
}
```

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 #A896F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A896F8  
}
```

## Border

The CSS property to change the border of an element to Hex A896F8 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  
#A896F8 }
```

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

```
.border{ border-color:#A896F8 }
```

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

Here you see how a box with a 4 pixel #A896F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A896F8; -webkit-box-shadow:4px 4px  
4px 4px #A896F8; box-shadow:4px 4px 4px  
4px #A896F8 }
```

# Background

The CSS property to change the background color of an element to Hex A896F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A896F8 }
```

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

```
.background{ background-color:#A896F8 }
```

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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