

# Converting Colors

Hex(A8A9FD)

Have a look what the booklet for  
Hex(A8A9FD) contains.

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# **Color**

**Hex(A8A9FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8A9FD
RGB	168, 169, 253
RGB Percent	66%, 66%, 99%
CMY	0.3412, 0.3373, 0.0078
CMYK	0.34, 0.33, 0.00, 0.01
HSL	239°, 96%, 83%
HSV	239°, 34%, 99%
XYZ	48.0660, 43.7926, 98.8480
YIQ	178.2770, -27.5600, 25.9120

# Conversions

## Conversions Part 2

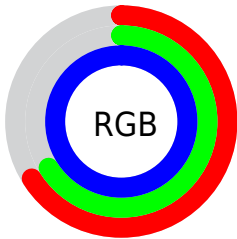
Format	Color
<a href="#">RYB</a>	<a href="#">168, 169, 253</a>
Decimal	<a href="#">11053565</a>
CIELab	<a href="#">72.09, 18.66, -41.78</a>
CIELCh	<a href="#">72, 45.755, 294.065</a>
Yxy	<a href="#">43.7926, 0.2520, 0.2296</a>
Android (android.graphics.Color)	<a href="#">4289243645 (0xFFA8A9FD)</a>
YUV	<a href="#">178.2770, 36.8384, -9.0129</a>
Hunter-Lab	<a href="#">66.1760, 13.8431, -42.2391</a>

# Details

The Hex color **A8A9FD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FDCA8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E1E0FF**, and **7175C4** is the 20% darker color. If you saturate the color by 10%, you get **8F90FD**, and if you desaturate by 10%, it is **C1C2FD**.

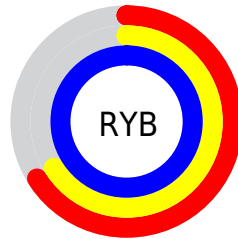
# Distribution



Red (66%)

Green (66%)

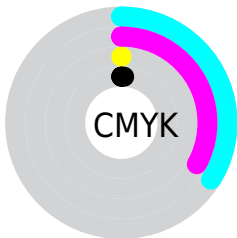
Blue (99%)



Red (66%)

Yellow (66%)

Blue (99%)

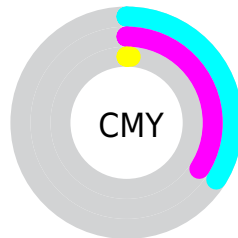


Cyan (34%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (34%)

Magenta (34%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8A9FD 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 A8A9FD by changing the saturation by 10% instead.



 A8A9FD

 A8A9FD

FFFFFF

 8C8FE0

 E1E0FF

 7175C4

 FFFDFF

 565CA8

 3B458E

 1D2F74

 001B5B

 000043

 00032C

 000116

 A8A9FD

 A8A9FD

 8F90FD

 C1C2FD

 7577FD

 DBDBFD

 5C5EFD

 F4F4FD

 4345FD

FFFFFFD

 2A2CFD

 1013FD

 0003FD

# Harmonies

## Analogous

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



5BB8FF



A8A9FD



DD99E2

# Triad

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



A8A9FD



F19D6E



31C6A7

# Complementary

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



A8A9FD



FDFCA8

# 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.



77C17E



A8A9FD



D2AB5C

# Square

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



A8A9FD



FF9191



A9B962



00C6D1

# Rectangle

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



A8A9FD



F392C9



A9B962



4EC598



# Sweetspot

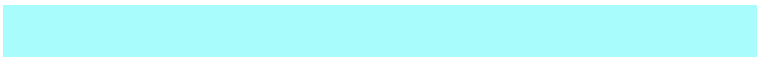
The Sweet Spot groups the original color and five complimentary colors.



A8A9FD



E6E6FF



A8FDFC



707080



000000



808080



# Same Dimension

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



A8A9FD



999AFF



D1A8FD



737380



0002BF



000140



# Inverse Universe

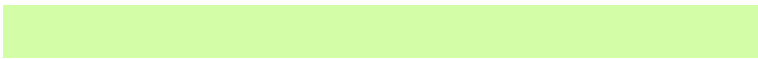
The Inverse Universe completely reimagines the original color for something new.



FDA8A9



FF999A



D4FDA8



807373



BF0002

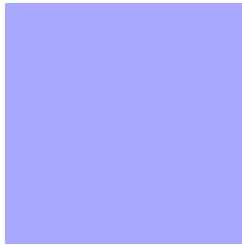


400001



# Previews

## White Background



This preview shows how the Hex color A8A9FD looks on a white background.

## Color Contrast Check

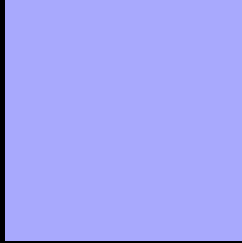
Large Text (above 18pt) WCAG AA × Fail

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 A8A9FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

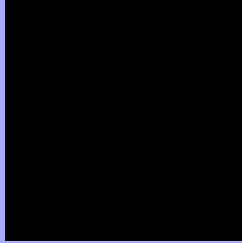
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A8A9FD Background



This preview shows how black text looks on a background with the Hex color A8A9FD.



This preview shows how white text looks on a background with the Hex color A8A9FD.

# 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**  
A8A9FD

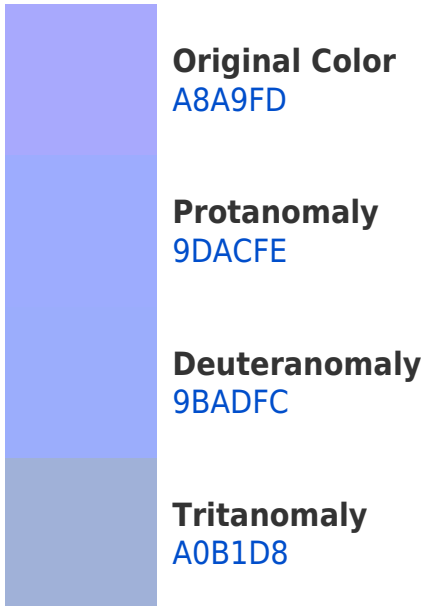
**Protanopia**  
96AEFF

**Deuteranopia**  
94AFFC

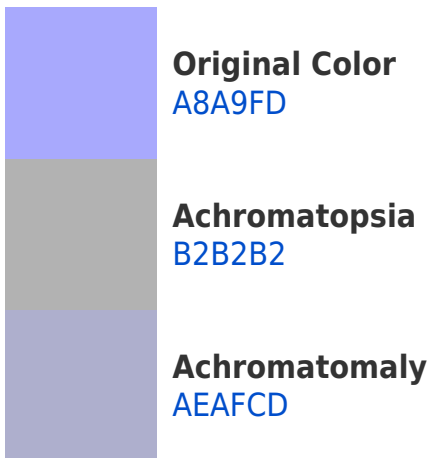


**Tritanopia**  
9BB5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8A9FD 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 #A8A9FD looks like.

```
.text, #text, p{  
    color:#A8A9FD  
}
```

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 #A8A9FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8A9FD
}
```

## Border

The CSS property to change the border of an element to Hex A8A9FD 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
#A8A9FD }
```

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

```
.border{ border-color:#A8A9FD }
```

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

Here you see how a box with a 4 pixel #A8A9FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8A9FD; -webkit-box-shadow:4px 4px  
4px 4px #A8A9FD; box-shadow:4px 4px 4px  
4px #A8A9FD }
```

# Background

The CSS property to change the background color of an element to Hex A8A9FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8A9FD }
```

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

```
.background{ background-color:#A8A9FD }
```

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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