

# Converting Colors

Hex(AFA9FD)

Have a look what the booklet for  
Hex(AFA9FD) contains.

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# **Color**

**Hex(AFA9FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFA9FD
RGB	175, 169, 253
RGB Percent	69%, 66%, 99%
CMY	0.3137, 0.3373, 0.0078
CMYK	0.31, 0.33, 0.00, 0.01
HSL	244°, 95%, 83%
HSV	244°, 33%, 99%
XYZ	49.5968, 44.5817, 98.9196
YIQ	180.3700, -23.3880, 27.3960

# Conversions

## Conversions Part 2

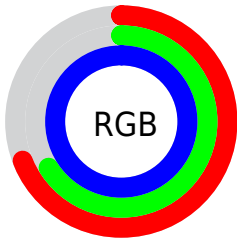
Format	Color
R <sub>Y</sub> B	175, 169, 253
Decimal	11512317
CIE Lab	72.62, 20.58, -40.92
CIE LCh	73, 45.800, 296.695
Yxy	44.5817, 0.2568, 0.2309
Android (android.graphics.Color)	4289702397 (0xFFAFA9FD)
YUV	180.3700, 35.8066, -4.7095
Hunter-Lab	66.7696, 15.7440, -41.0999

# Details

The Hex color **AFA9FD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F7FDA9**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E8E0FF**, and **7875C4** is the 20% darker color. If you saturate the color by 10%, you get **9890FD**, and if you desaturate by 10%, it is **C6C2FD**.

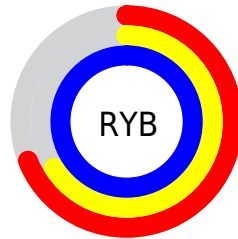
# Distribution



Red (69%)

Green (66%)

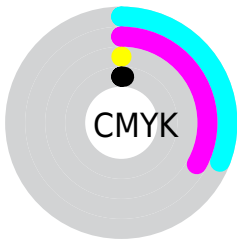
Blue (99%)



Red (69%)

Yellow (66%)

Blue (99%)

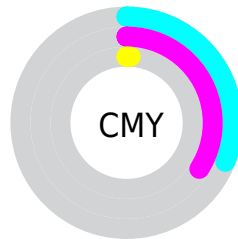


Cyan (31%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (34%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFA9FD 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 AFA9FD by changing the saturation by 10% instead.



 AFA9FD

 AFA9FD

FFFFFF

 938FE0

 E8E0FF

 7875C4

 FFFDFF

 5D5CA8

 43458E

 272F74

 021A5B

 000043

 00032C

 000116

 AFA9FD

 AFA9FD

 9890FD

 C6C2FD

 8076FD

 DEDCFD

 695DFD

 F5F5FD

 5144FD

FFFFFFD

 3A2BFD

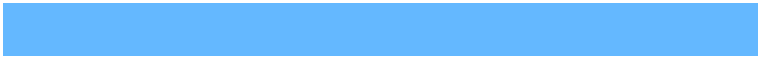
 2211FD

 1200FD

# Harmonies

## Analogous

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



64B8FF



AFA9FD



E29AE1

# Triad

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



AFA9FD



F09F6D



29C8AC

# Complementary

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



AFA9FD



F7FDA9

# 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.



74C483



AFA9FD



D0AE5D

# Square

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



AFA9FD



FF938F



A6BB65



00C7D6

# Rectangle

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



AFA9FD



F792C7



A6BB65



49C79D



# Sweetspot

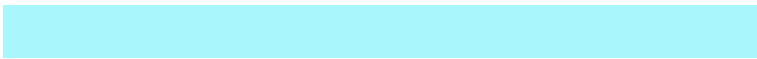
The Sweet Spot groups the original color and five complimentary colors.



AFA9FD



E7E6FF



A9F7FD



717080



000000



808080



# Same Dimension

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



AFA9FD



A099FF



D9A9FD



747380



0E00BF



050040



# Inverse Universe

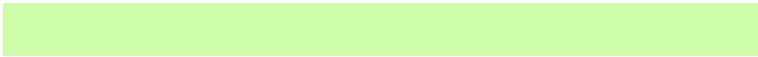
The Inverse Universe completely reimagines the original color for something new.



FDA9F7



FF99F8



CDFDA9



80737F



BF00B2

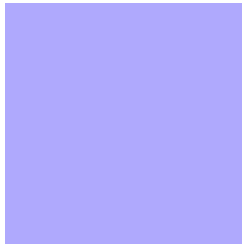


40003B



# Previews

## White Background



This preview shows how the Hex color AFA9FD looks on a white background.

## Color Contrast Check

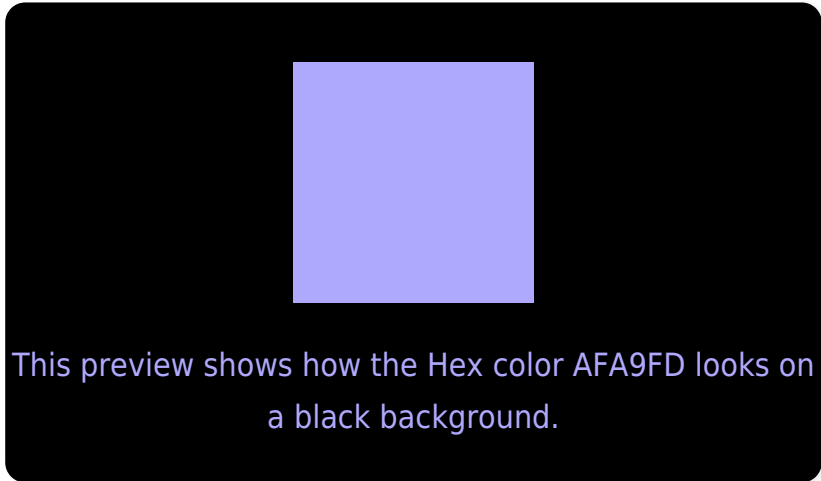
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

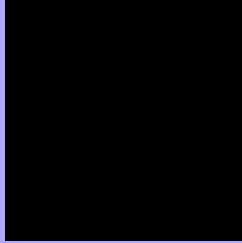
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFA9FD Background



This preview shows how black text looks on a background with the Hex color AFA9FD.

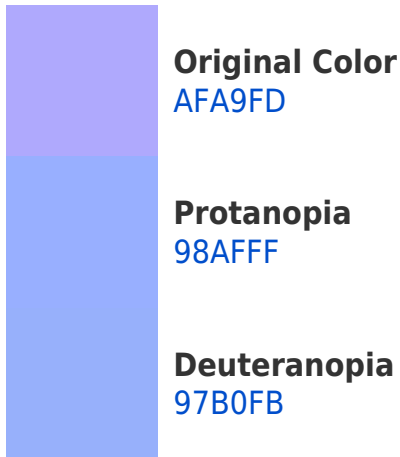


This preview shows how white text looks on a background with the Hex color AFA9FD.

# 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](#).

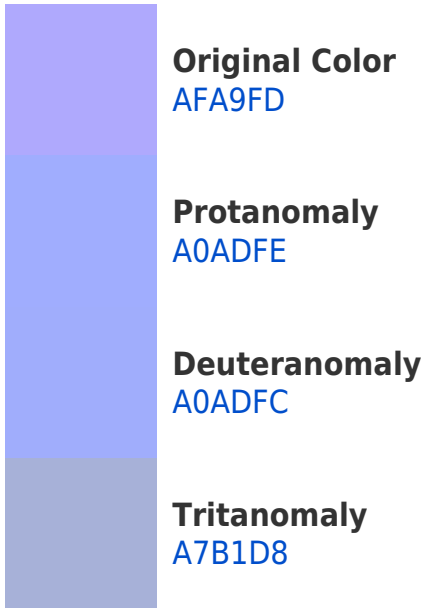
## Dichromacy





**Tritanopia**  
A3B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFA9FD 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 #AFA9FD looks like.

```
.text, #text, p{  
    color:#AFA9FD  
}
```

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 #AFA9FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFA9FD
}
```

## Border

The CSS property to change the border of an element to Hex AFA9FD 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
#AFA9FD }
```

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

```
.border{ border-color:#AFA9FD }
```

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

Here you see how a box with a 4 pixel #AFA9FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFA9FD; -webkit-box-shadow:4px 4px  
4px 4px #AFA9FD; box-shadow:4px 4px 4px  
4px #AFA9FD }
```

# Background

The CSS property to change the background color of an element to Hex AFA9FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFA9FD }
```

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

```
.background{ background-color:#AFA9FD }
```

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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