

# Converting Colors

Hex(AFA9F8)

Have a look what the booklet for  
Hex(AFA9F8) contains.

<b>Hex(AFA9F8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AFA9F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFA9F8
RGB	175, 169, 248
RGB Percent	69%, 66%, 97%
CMY	0.3137, 0.3373, 0.0275
CMYK	0.29, 0.32, 0.00, 0.03
HSL	245°, 85%, 82%
HSV	245°, 32%, 97%
XYZ	48.8104, 44.2672, 94.7788
YIQ	179.8000, -21.7830, 25.8410

# Conversions

## Conversions Part 2

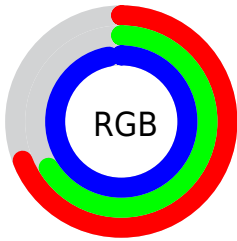
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	175, 169, 248
Decimal	11512312
CIE Lab	72.41, 19.34, -38.54
CIE LCh	72, 43.116, 296.647
Yxy	44.2672, 0.2598, 0.2356
Android (android.graphics.Color)	4289702392 (0xFFAFA9F8)
YUV	179.8000, 33.6226, -4.2096
Hunter-Lab	66.5336, 14.5175, -37.8866

# Details

The Hex color **AFA9F8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F2F8A9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E8E0FF**, and **7875BF** is the 20% darker color. If you saturate the color by 10%, you get **9890F8**, and if you desaturate by 10%, it is **C6C2F8**.

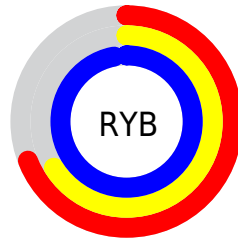
# Distribution



Red (69%)

Green (66%)

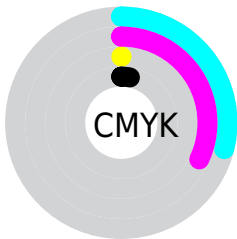
Blue (97%)



Red (69%)

Yellow (66%)

Blue (97%)

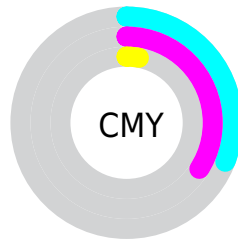


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (3%)



Cyan (31%)

Magenta (34%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFA9F8 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 AFA9F8 by changing the saturation by 10% instead.



 AFA9F8

 AFA9F8

FFFFFF

 938FDB

 E8E0FF

 7875BF

 FFFDFF

 5E5CA4

 444589

 292F70

 071A57

 00003F

 000328


 000112

 AFA9F8

 AFA9F8

 9890F8

 C6C2F8

 8177F8

 DDDBF8

 6A5FF8

 F4F3F8

 5346F8

 FFFFF8

 3C2DF8

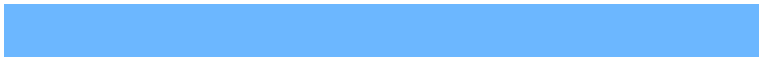
 2614F8

 1300F8

# Harmonies

## Analogous

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



6CB7FF



AFA9F8



DF9BDD

# Triad

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



AFA9F8



EDA071



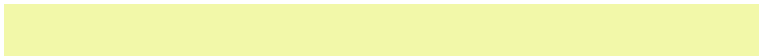
3AC6AC

# Complementary

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



AFA9F8



F2F8A9

# 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.



78C285



AFA9F8



CFAE62

# Square

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



AFA9F8



FD9590



A7BA69



00C6D4

# Rectangle

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



AFA9F8



F394C5



A7BA69



52C59E



# Sweetspot

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



AFA9F8



E7E6FF



A9F3F8



717080



000000



808080



# Same Dimension

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



AFA9F8



A59EFF



D6A9F8



71707D



0E00BD



05003D



# Inverse Universe

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



F8A9F2



FF9EF8



CBF8A9



7D707C



BD00AE

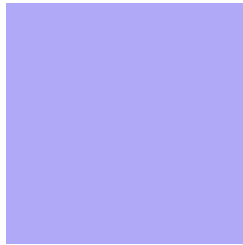


3D0039



# Previews

## White Background



This preview shows how the Hex color AFA9F8 looks on a white background.

## Color Contrast Check

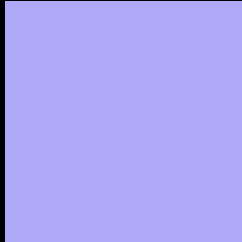
Large Text (above 18pt) WCAG AA × Fail

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 AFA9F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

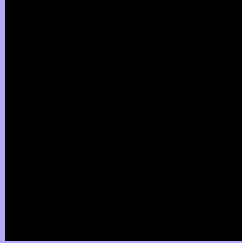
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFA9F8 Background



This preview shows how black text looks on a background with the Hex color AFA9F8.

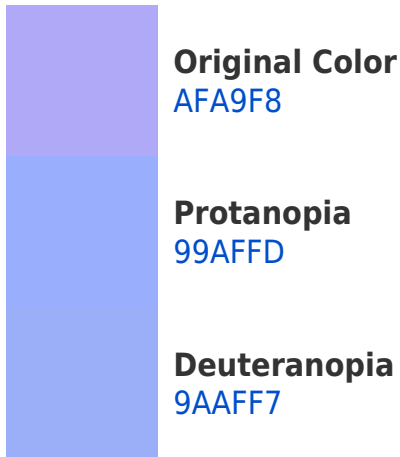


This preview shows how white text looks on a background with the Hex color AFA9F8.

# 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](#).

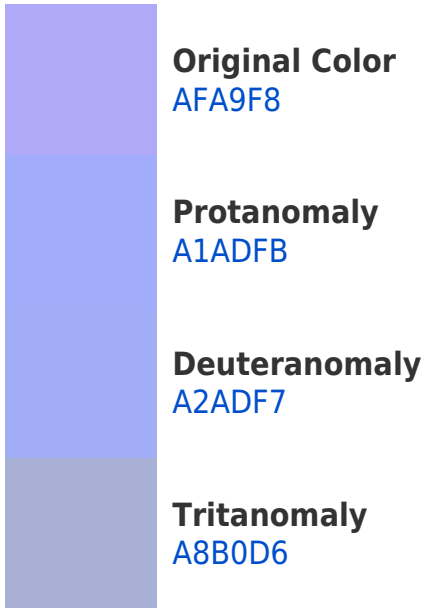
## Dichromacy



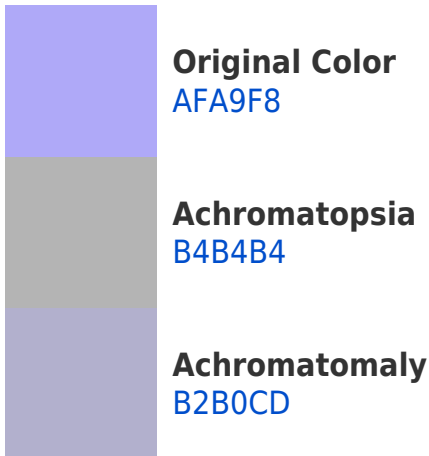


**Tritanopia**  
A4B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFA9F8 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 #AFA9F8 looks like.

```
.text, #text, p{  
    color:#AFA9F8  
}
```

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 #AFA9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFA9F8  
}
```

## Border

The CSS property to change the border of an element to Hex AFA9F8 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  
#AFA9F8 }
```

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

```
.border{ border-color:#AFA9F8 }
```

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

Here you see how a box with a 4 pixel #AFA9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFA9F8; -webkit-box-shadow:4px 4px  
4px 4px #AFA9F8; box-shadow:4px 4px 4px  
4px #AFA9F8 }
```

# Background

The CSS property to change the background color of an element to Hex AFA9F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFA9F8 }
```

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

```
.background{ background-color:#AFA9F8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor