

# Converting Colors

Hex(AF9AEA)

Have a look what the booklet for  
Hex(AF9AEA) contains.

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# Color

**Hex(AF9AEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9AEA
RGB	175, 154, 234
RGB Percent	69%, 60%, 92%
CMY	0.3137, 0.3961, 0.0824
CMYK	0.25, 0.34, 0.00, 0.08
HSL	256°, 66%, 76%
HSV	256°, 34%, 92%
XYZ	44.0861, 38.1657, 82.8850
YIQ	169.3990, -13.1640, 29.3320

# Conversions

## Conversions Part 2

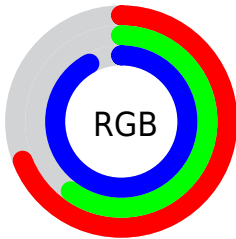
Format	Color
<a href="#">RYB</a>	<a href="#">175, 154, 234</a>
Decimal	<a href="#">11508458</a>
CIELab	<a href="#">68.14, 24.36, -37.54</a>
CIElCh	<a href="#">68, 44.751, 302.977</a>
Yxy	<a href="#">38.1657, 0.2670, 0.2311</a>
Android (android.graphics.Color)	<a href="#">4289698538</a> ( <a href="#">0xFFAF9AEA</a> )
YUV	<a href="#">169.3990, 31.8483, 4.9121</a>
Hunter-Lab	<a href="#">61.7784, 19.2684, -36.3016</a>

# Details

The Hex color **AF9AEA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D5EA9A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E8D1FF**, and **7967B2** is the 20% darker color. If you saturate the color by 10%, you get **9E83EA**, and if you desaturate by 10%, it is **C0B1EA**.

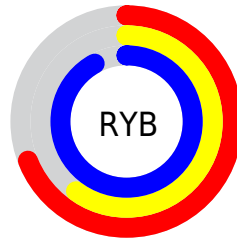
# Distribution



Red (69%)

Green (60%)

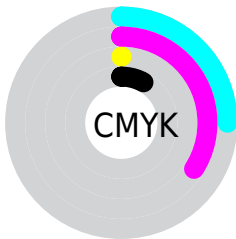
Blue (92%)



Red (69%)

Yellow (60%)

Blue (92%)

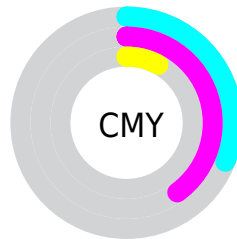


Cyan (25%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (40%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF9AEA 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 AF9AEA by changing the saturation by 10% instead.



 AF9AEA

 AF9AEA

FFFFFF

 9480CE

 E8D1FF

 7967B2

 FFEDFF

 5F4F97

 45377D

 2B2263

 0F0D4B

 000034

 00021E

 000000

 AF9AEA

 AF9AEA

 9E83EA

 C0B1EA

 8C6BEA

 D2C9EA

 7B54EA

 E3E0EA

 6A3CEA

 F4F8EA

 5925EA

 FFFFEA

 470EEA

 3D00EA

# Harmonies

## Analogous

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



6BA9F6



AF9AEA



DC8CCC

# Triad

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



AF9AEA



DC975F



00BBA9

# Complementary

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



AF9AEA



D5EA9A

# 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.



5DB880



AF9AEA



BBA553

# Square

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



AF9AEA



F08A7C



91B160



00BAD1

# Rectangle

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



AF9AEA



ED86B1



91B160



2ABA9B



# Sweetspot

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



AF9AEA



ECE6FF



9AD6EA



747080



000000



808080



# Same Dimension

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



AF9AEA



B296FF



D69AEA



6D6A75



3000B5



0E0036



# Inverse Universe

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



EA9AD5



FF96E4



AEEA9A



756A72



B50086



360027



# Previews

## White Background



This preview shows how the Hex color AF9AEA looks on a white background.

## Color Contrast Check

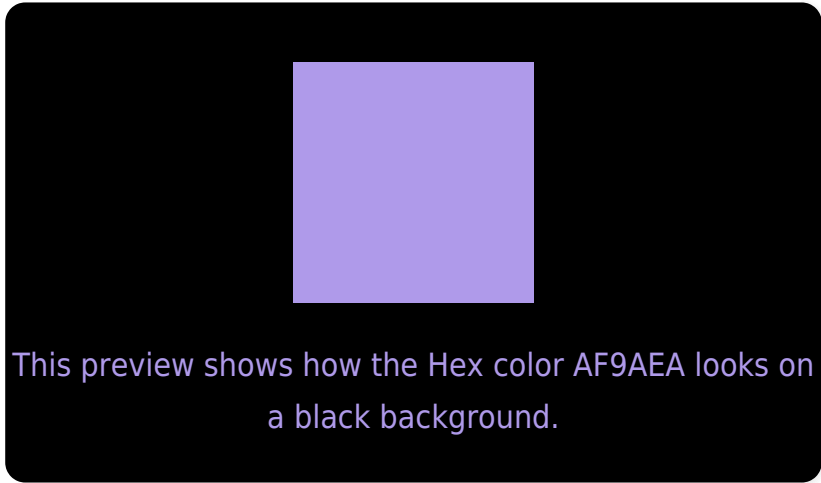
Large Text (above 18pt) WCAG AA × Fail

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 AF9AEA Background



This preview shows how black text looks on a background with the Hex color AF9AEA.

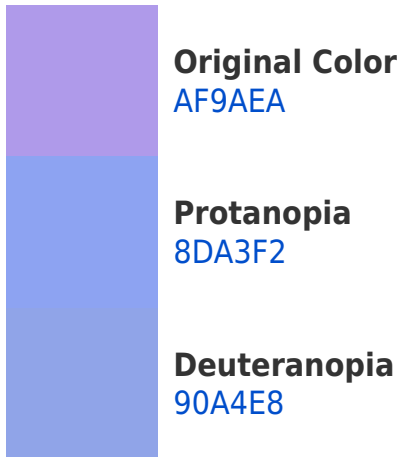


This preview shows how white text looks on a background with the Hex color AF9AEA.

# 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](#).

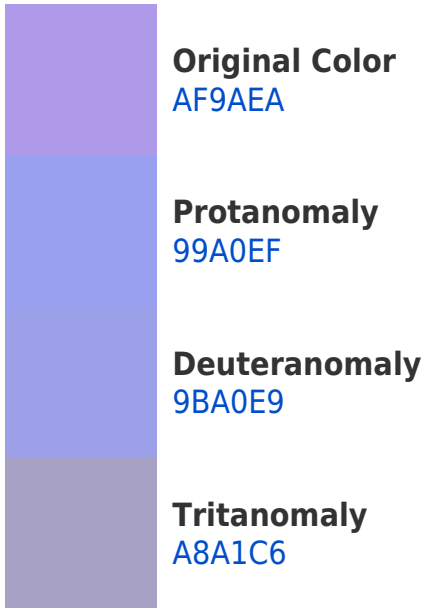
## Dichromacy



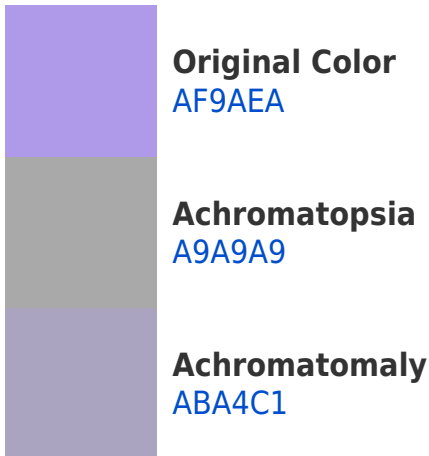


**Tritanopia**  
A4A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF9AEA 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 #AF9AEA looks like.

```
.text, #text, p{  
    color:#AF9AEA  
}
```

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 #AF9AEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9AEA
}
```

## Border

The CSS property to change the border of an element to Hex AF9AEA is called "border". The border property can be set on classes, ids or directly on the HTML element.

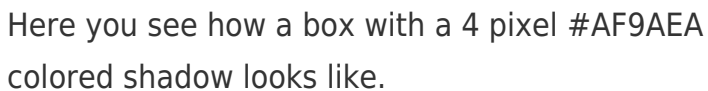
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF9AEA }
```

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

```
.border{ border-color:#AF9AEA }
```

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



Here you see how a box with a 4 pixel #AF9AEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9AEA; -webkit-box-shadow:4px 4px  
4px 4px #AF9AEA; box-shadow:4px 4px 4px  
4px #AF9AEA }
```

# Background

The CSS property to change the background color of an element to Hex AF9AEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9AEA }
```

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

```
.background{ background-color:#AF9AEA }
```

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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