

# Converting Colors

Hex(AF99EA)

Have a look what the booklet for  
Hex(AF99EA) contains.

<b>Hex(AF99EA)</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(AF99EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF99EA
RGB	175, 153, 234
RGB Percent	69%, 60%, 92%
CMY	0.3137, 0.4000, 0.0824
CMYK	0.25, 0.35, 0.00, 0.08
HSL	256°, 66%, 76%
HSV	256°, 35%, 92%
XYZ	43.9217, 37.8369, 82.8302
YIQ	168.8120, -12.8890, 29.8550

# Conversions

## Conversions Part 2

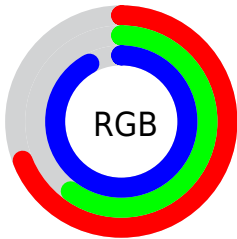
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	175, 153, 234
Decimal	11508202
CIE Lab	67.90, 24.92, -37.92
CIE LCh	68, 45.375, 303.314
Yxy	37.8369, 0.2669, 0.2299
Android (android.graphics.Color)	4289698282 (0xFFAF99EA)
YUV	168.8120, 32.1377, 5.4269
Hunter-Lab	61.5117, 19.8102, -36.7803

# Details

The Hex color **AF99EA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D4EA99**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E8CFFF**, and **7966B2** is the 20% darker color. If you saturate the color by 10%, you get **9E82EA**, and if you desaturate by 10%, it is **C0B0EA**.

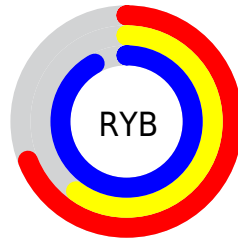
# Distribution



Red (69%)

Green (60%)

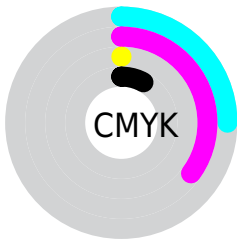
Blue (92%)



Red (69%)

Yellow (60%)

Blue (92%)

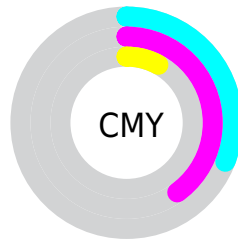


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (40%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF99EA 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 AF99EA by changing the saturation by 10% instead.



 AF99EA

 AF99EA

FFFFFF

 947FCE

 E8CFFF

 7966B2

 FFECFF

 5F4E97

 45377D

 2B2163

 0E0C4B

 000034

 00021E

 000000

 AF99EA

 AF99EA

 9E82EA

 C0B0EA

 8D6AEA

 D1C8EA

 7C53EA

 E2DFEA

 6B3BEA

 F3F7EA

 5A24EA

 FFFFEA

 490DEA

 4000EA

# Harmonies

## Analogous

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



6AA8F7



AF99EA



DC8ACB

# Triad

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



AF99EA



DC965D



00BBA9

# Complementary

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



AF99EA



D4EA99

# 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.



5BB87F



AF99EA



BAA552

# Square

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



AF99EA



F0897B



8FB05F



00B9D1

# Rectangle

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



AF99EA



ED85B0



8FB05F



23BA9B



# Sweetspot

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



AF99EA



ECE6FF



99D4EA



747080



000000



808080



# Same Dimension

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



AF99EA



B194FF



D799EA



6D6A75



3100B5



0F0036



# Inverse Universe

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



EA99D4



FF94E2



ACEA99



756A72



B50084

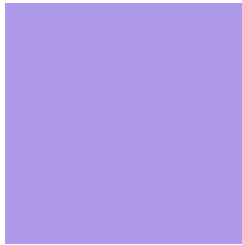


360027



# Previews

## White Background



This preview shows how the Hex color AF99EA looks on a white background.

## Color Contrast Check

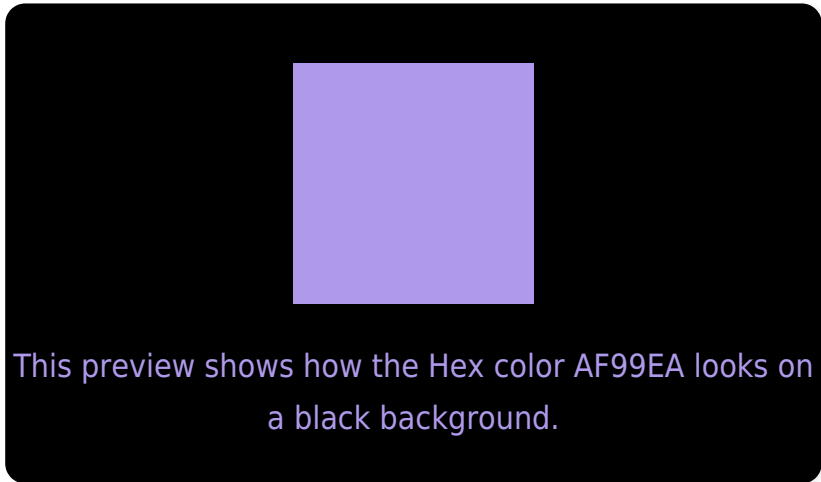
Large Text (above 18pt) WCAG AA × Fail

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 AF99EA Background



This preview shows how black text looks on a background with the Hex color AF99EA.



This preview shows how white text looks on a background with the Hex color AF99EA.

# 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](#).

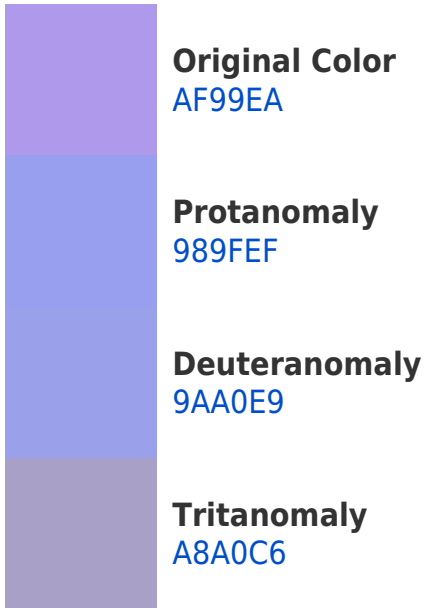
## Dichromacy



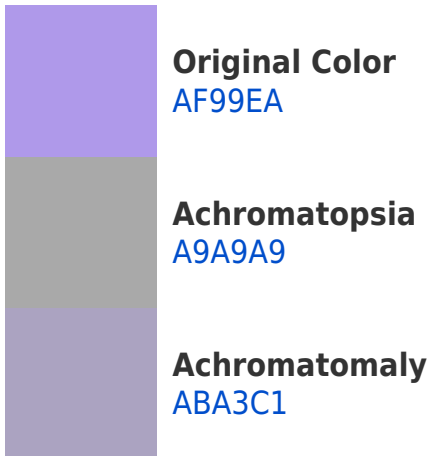


**Tritanopia**  
A4A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF99EA 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 #AF99EA looks like.

```
.text, #text, p{  
    color:#AF99EA  
}
```

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 #AF99EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF99EA
}
```

## Border

The CSS property to change the border of an element to Hex AF99EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

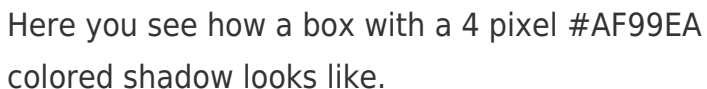
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF99EA }
```

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

```
.border{ border-color:#AF99EA }
```

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



Here you see how a box with a 4 pixel #AF99EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF99EA; -webkit-box-shadow:4px 4px  
4px 4px #AF99EA; box-shadow:4px 4px 4px  
4px #AF99EA }
```

# Background

The CSS property to change the background color of an element to Hex AF99EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF99EA }
```

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

```
.background{ background-color:#AF99EA }
```

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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