

# Converting Colors

Hex(AF99DA)

Have a look what the booklet for  
Hex(AF99DA) contains.

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# **Color**

**Hex(AF99DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF99DA
RGB	175, 153, 218
RGB Percent	69%, 60%, 85%
CMY	0.3137, 0.4000, 0.1451
CMYK	0.20, 0.30, 0.00, 0.15
HSL	260°, 47%, 73%
HSV	260°, 30%, 85%
XYZ	41.7253, 36.9584, 71.2642
YIQ	166.9880, -7.7530, 24.8790

# Conversions

## Conversions Part 2

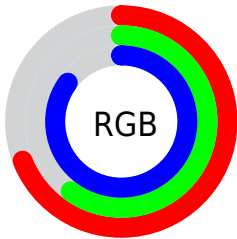
Format	Color
<a href="#">RYB</a>	<a href="#">175, 153, 218</a>
Decimal	<a href="#">11508186</a>
CIELab	<a href="#">67.25, 21.19, -30.12</a>
CIElCh	<a href="#">67, 36.826, 305.125</a>
Yxy	<a href="#">36.9584, 0.2783, 0.2465</a>
Android (android.graphics.Color)	<a href="#">4289698266 (0xFFAF99DA)</a>
YUV	<a href="#">166.9880, 25.1489, 7.0265</a>
Hunter-Lab	<a href="#">60.7934, 16.1243, -26.9465</a>

# Details

The Hex color **AF99DA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4DA99**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E7CFFF**, and **7966A3** is the 20% darker color. If you saturate the color by 10%, you get **A183DA**, and if you desaturate by 10%, it is **BDAFDA**.

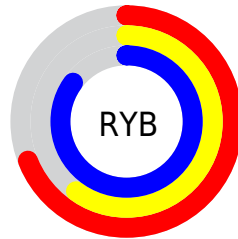
# Distribution



Red (69%)

Green (60%)

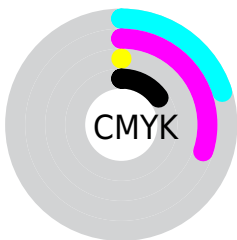
Blue (85%)



Red (69%)

Yellow (60%)

Blue (85%)

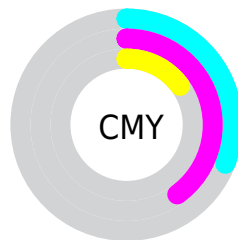


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (40%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF99DA 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 AF99DA by changing the saturation by 10% instead.



 AF99DA

 AF99DA

FFFFFF

 947FBE

 E7CFFF

 7966A3

 FFECFF

 604E88

 47376F

 2F2156

 160C3E

 000028

 000112

 000000

 AF99DA

 AF99DA

 A183DA

 BDAFDA

 926DDA

 CCC5DA

 8458DA

 DADADA

 7542DA

 E9F0DA

 672CDA

 F7FFDA

 5816DA

 FFFFDA

 4A00DA

# Harmonies

## Analogous

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



7DA5E5



AF99DA



D28EC0

# Triad

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



AF99DA



D09868



39B5A8

# Complementary

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



AF99DA



C4DA99

# 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.



68B387



AF99DA



B4A461

# Square

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



AF99DA



E28E7F



91AD6C



0CB4C9

# Rectangle

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



AF99DA



E08AAA



91AD6C



4AB59D



# Sweetspot

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



AF99DA



F0E8FF



99C4DA



767180



000000



808080



# Same Dimension

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



AF99DA



C2A3FF



CF99DA



66636E



3B00AD



10002E



# Inverse Universe

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



DA99C4



FFA3E0



A4DA99



6E636A



AD0073

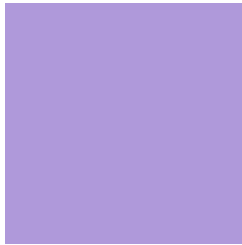


2E001E



# Previews

## White Background



This preview shows how the Hex color AF99DA looks on a white background.

## Color Contrast Check

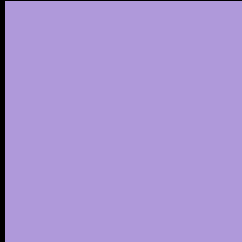
Large Text (above 18pt) WCAG AA × Fail

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 AF99DA 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 AF99DA Background



This preview shows how black text looks on a background with the Hex color AF99DA.

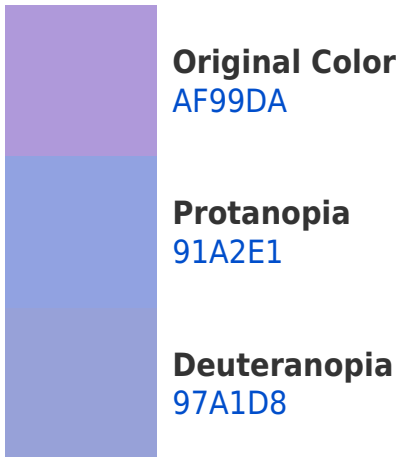


This preview shows how white text looks on a background with the Hex color AF99DA.

# 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](#).

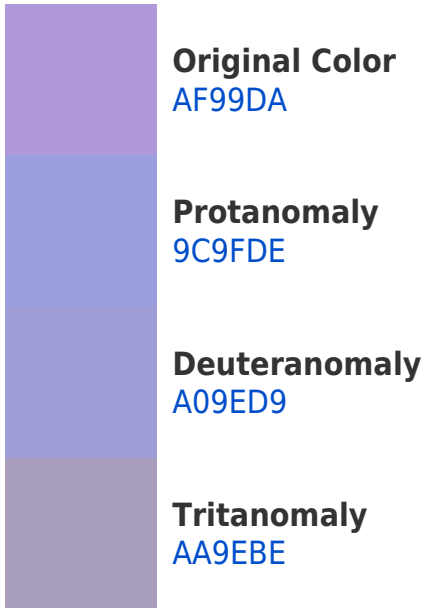
## Dichromacy



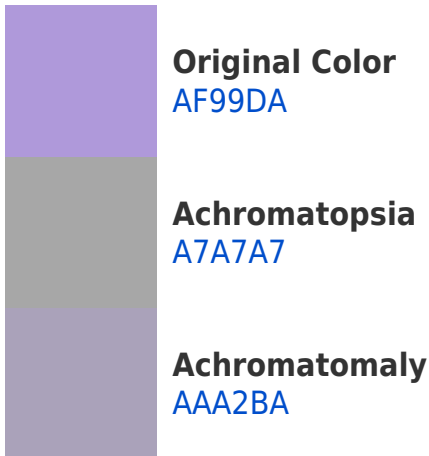


**Tritanopia**  
A7A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF99DA 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 #AF99DA looks like.

```
.text, #text, p{  
    color:#AF99DA  
}
```

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 #AF99DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF99DA
}
```

## Border

The CSS property to change the border of an element to Hex AF99DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

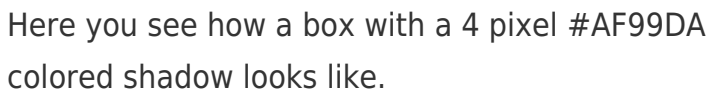
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF99DA }
```

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

```
.border{ border-color:#AF99DA }
```

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



Here you see how a box with a 4 pixel #AF99DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF99DA; -webkit-box-shadow:4px 4px  
4px 4px #AF99DA; box-shadow:4px 4px 4px  
4px #AF99DA }
```

# Background

The CSS property to change the background color of an element to Hex AF99DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF99DA }
```

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

```
.background{ background-color:#AF99DA }
```

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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