

# Converting Colors

Hex(AF9BE1)

Have a look what the booklet for  
Hex(AF9BE1) contains.

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# Color

**Hex(AF9BE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9BE1
RGB	175, 155, 225
RGB Percent	69%, 61%, 88%
CMY	0.3137, 0.3922, 0.1176
CMYK	0.22, 0.31, 0.00, 0.12
HSL	257°, 54%, 75%
HSV	257°, 31%, 88%
XYZ	42.9911, 37.9929, 76.3016
YIQ	168.9600, -10.5500, 26.0100

# Conversions

## Conversions Part 2

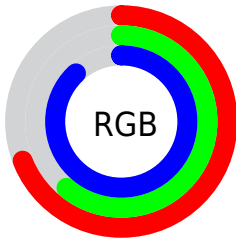
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 155, 225
Decimal	11508705
CIE <sub>Lab</sub>	68.02, 21.68, -32.79
CIE <sub>LCh</sub>	68, 39.308, 303.465
Yxy	37.9929, 0.2733, 0.2416
Android (android.graphics.Color)	4289698785 (0xFFAF9BE1)
YUV	168.9600, 27.6277, 5.2971
Hunter-Lab	61.6384, 16.6319, -30.2477

# Details

The Hex color **AF9BE1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CDE19B**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E7D2FF**, and **7968A9** is the 20% darker color. If you saturate the color by 10%, you get **9F84E1**, and if you desaturate by 10%, it is **BFB2E1**.

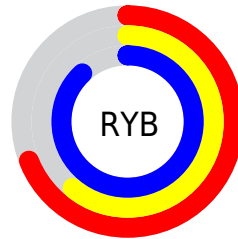
# Distribution



Red (69%)

Green (61%)

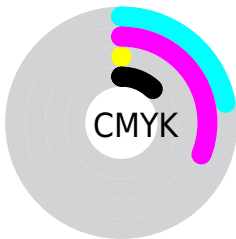
Blue (88%)



Red (69%)

Yellow (61%)

Blue (88%)

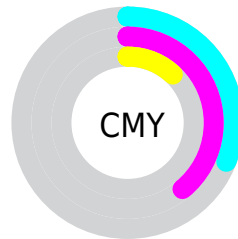


Cyan (22%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (39%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF9BE1 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 AF9BE1 by changing the saturation by 10% instead.



 AF9BE1

 AF9BE1

FFFFFF

 9481C5

 E7D2FF

 7968A9

 FFEEFF

 5F508F

 463875

 2E235C

 140E44

 00002D

 000118

 000000

 AF9BE1

 AF9BE1

 9F84E1

 BFB2E1

 8F6EE1

 CFC8E1

 7F57E1

 DFDEE1

 6F41E1

 EFF5E1

 5F2BE1

 FFFFE1

 4F14E1

 4000E1

# Harmonies

## Analogous

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



77A8EC



AF9BE1



D68FC6

# Triad

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



AF9BE1



D69967



2FB9A9

# Complementary

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



AF9BE1



CDE19B

# 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.



68B685



AF9BE1



B9A55E

# Square

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



AF9BE1



E88E80



93AF69



00B7CC

# Rectangle

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



AF9BE1



E58AAF



93AF69



45B89C



# Sweetspot

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



AF9BE1



EFE8FF



9BCDE1



757180



000000



808080



# Same Dimension

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



AF9BE1



BCA1FF



D29BE1



686570



3200B0



0E0030



# Inverse Universe

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



E19BCD



FFA1E4



AAE19B



70656D



B0007E

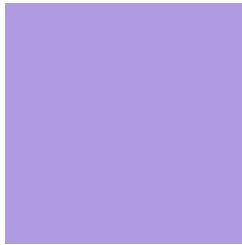


300023



# Previews

## White Background



This preview shows how the Hex color AF9BE1 looks on a white background.

## Color Contrast Check

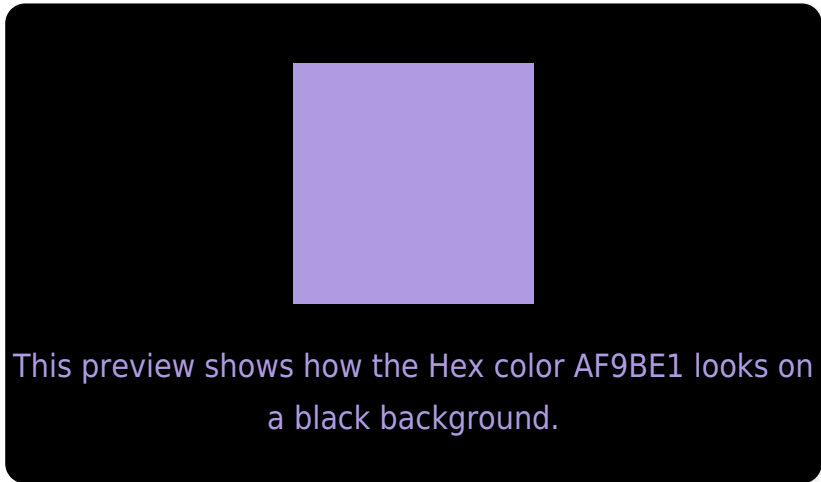
Large Text (above 18pt) WCAG AA × Fail

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

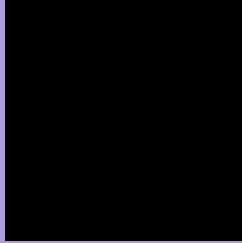
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AF9BE1 Background



This preview shows how black text looks on a background with the Hex color AF9BE1.

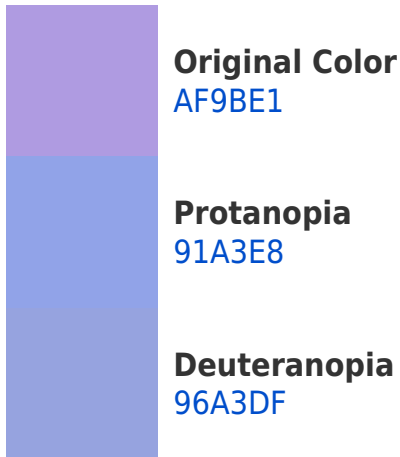


This preview shows how white text looks on a background with the Hex color AF9BE1.

# 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](#).

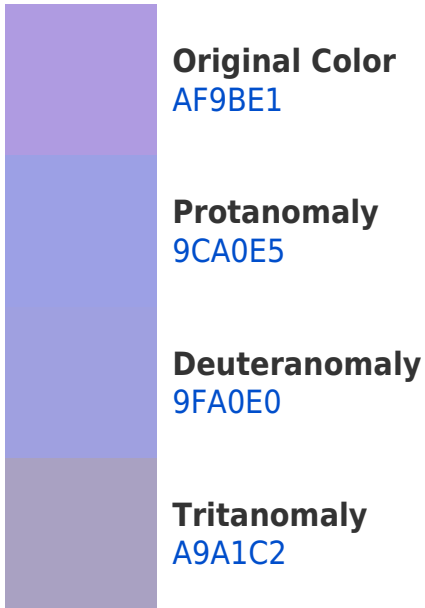
## Dichromacy



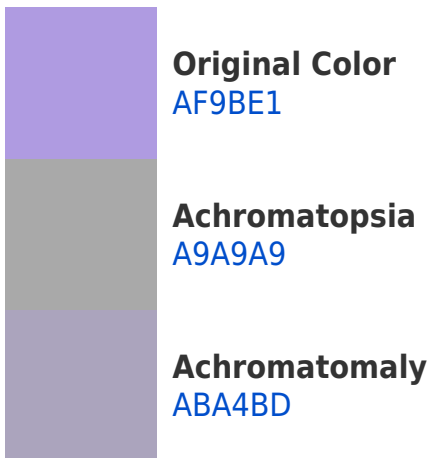


**Tritanopia**  
A6A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF9BE1 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 #AF9BE1 looks like.

```
.text, #text, p{  
    color:#AF9BE1  
}
```

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 #AF9BE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9BE1
}
```

## Border

The CSS property to change the border of an element to Hex AF9BE1 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
#AF9BE1 }
```

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

```
.border{ border-color:#AF9BE1 }
```

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

Here you see how a box with a 4 pixel #AF9BE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9BE1; -webkit-box-shadow:4px 4px  
4px 4px #AF9BE1; box-shadow:4px 4px 4px  
4px #AF9BE1 }
```

# Background

The CSS property to change the background color of an element to Hex AF9BE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9BE1 }
```

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

```
.background{ background-color:#AF9BE1 }
```

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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