

Converting Colors

Hex(AF9CEB)

Have a look what the booklet for
Hex(AF9CEB) contains.

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Color

Hex(AF9CEB)

Conversions

Conversions Part 1

Format	Color
Hex	AF9CEB
RGB	175, 156, 235
RGB Percent	69%, 61%, 92%
CMY	0.3137, 0.3882, 0.0784
CMYK	0.26, 0.34, 0.00, 0.08
HSL	254°, 66%, 77%
HSV	254°, 34%, 92%
XYZ	44.5631, 38.8891, 83.7549
YIQ	170.6870, -14.0350, 28.5970

Conversions

Conversions Part 2

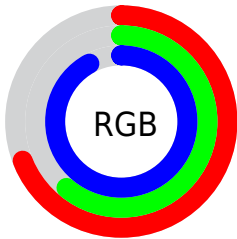
Format	Color
R _Y B	175, 156, 235
Decimal	11508971
CIE Lab	68.67, 23.47, -37.27
CIE LCh	69, 44.043, 302.204
Yxy	38.8891, 0.2665, 0.2326
Android (android.graphics.Color)	4289699051 (0xFFAF9CEB)
YUV	170.6870, 31.7063, 3.7825
Hunter-Lab	62.3611, 18.4237, -35.9774

Details

The Hex color **AF9CEB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D8EB9C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **E8D3FF**, and **7969B3** is the 20% darker color. If you saturate the color by 10%, you get **9D85EB**, and if you desaturate by 10%, it is **C1B4EB**.

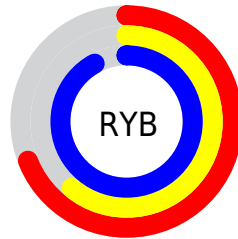
Distribution



Red (69%)

Green (61%)

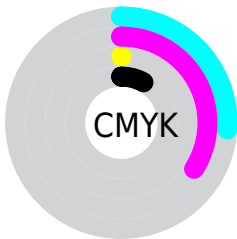
Blue (92%)



Red (69%)

Yellow (61%)

Blue (92%)

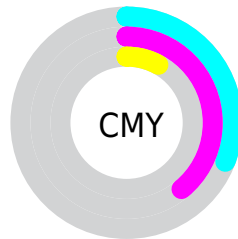


Cyan (26%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (31%)

Magenta (39%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF9CEB 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 AF9CEB by changing the saturation by 10% instead.

 AF9CEB

FFFFFF

 E8D3FF

 FFEFFF

 AF9CEB

 9482CF

 7969B3

 5F5098

 45397E

 2B2364

 0F0F4C

 000035

 00021F

 000001

 AF9CEB

 AF9CEB

 9D85EB

 C1B4EB

 8B6DEB

 D3CBEB

 7956EB

 E5E3EB

 683EEB

 F6FAEB

 5627EB

 FFFFEB

 440FEB

 3900EB

Harmonies

Analogous

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



6CABF7



AF9CEB



DC8ECD

Triad

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



AF9CEB



DE9862



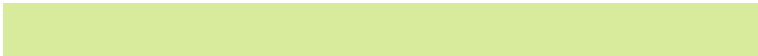
00BCA9

Complementary

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



AF9CEB



D8EB9C

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.



62B981



AF9CEB



BDA656

Square

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



AF9CEB



F18C7F



94B262



00BBD1

Rectangle

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



AF9CEB



ED88B4



94B262



33BC9B

Sweetspot

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



AF9CEB



ECE6FF



9CD9EB



747080



000000



808080

Same Dimension

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



AF9CEB



B299FF



D69CEB



6C6A75



2C00B5



0D0036

Inverse Universe

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



EB9CD8



FF99E6



B1EB9C



756A72



B5008A



360029

Previews

White Background



This preview shows how the Hex color AF9CEB looks on a white background.

Color Contrast Check

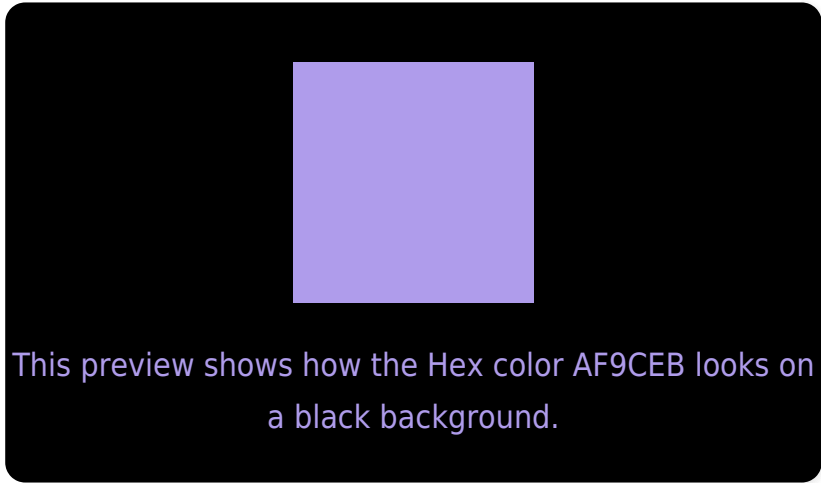
Large Text (above 18pt) WCAG AA × Fail

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 AF9CEB Background



This preview shows how black text looks on a background with the Hex color AF9CEB.

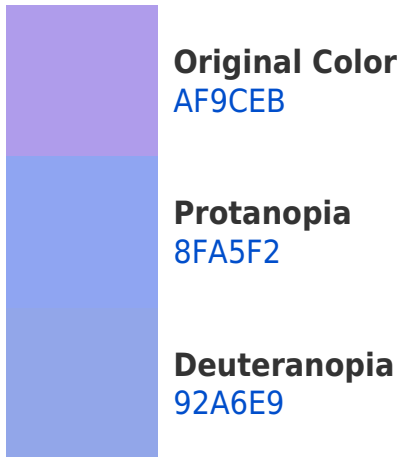


This preview shows how white text looks on a background with the Hex color AF9CEB.

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](#).

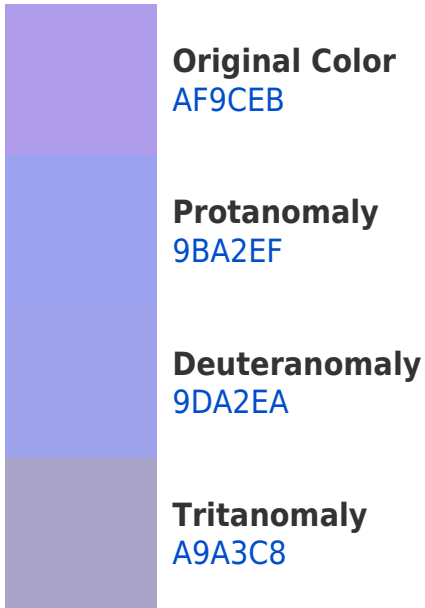
Dichromacy



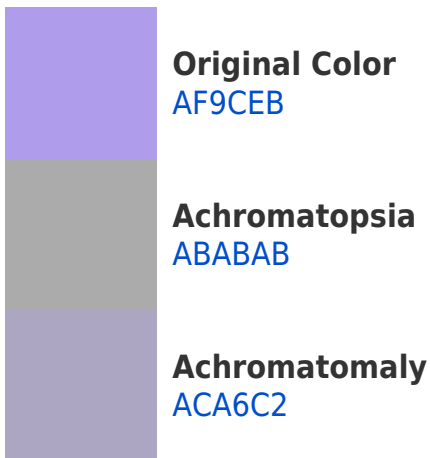


Tritanopia
A5A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF9CEB 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 #AF9CEB looks like.

```
.text, #text, p{  
    color:#AF9CEB  
}
```

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 #AF9CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9CEB
}
```

Border

The CSS property to change the border of an element to Hex AF9CEB 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
#AF9CEB }
```

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

```
.border{ border-color:#AF9CEB }
```

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

Here you see how a box with a 4 pixel #AF9CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9CEB; -webkit-box-shadow:4px 4px  
4px 4px #AF9CEB; box-shadow:4px 4px 4px  
4px #AF9CEB }
```

Background

The CSS property to change the background color of an element to Hex AF9CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9CEB }
```

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

```
.background{ background-color:#AF9CEB }
```

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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