

# Converting Colors

Hex(AEABF3)

Have a look what the booklet for  
Hex(AEABF3) contains.

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# **Color**

**Hex(AEABF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEABF3
RGB	174, 171, 243
RGB Percent	68%, 67%, 95%
CMY	0.3176, 0.3294, 0.0471
CMYK	0.28, 0.30, 0.00, 0.05
HSL	243°, 75%, 81%
HSV	243°, 30%, 95%
XYZ	48.1961, 44.5956, 90.8616
YIQ	180.1050, -21.3240, 23.0280

# Conversions

## Conversions Part 2

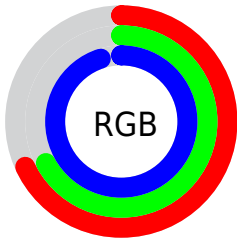
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 171, 243
Decimal	11447283
CIELab	72.62, 16.71, -35.49
CIELCh	73, 39.230, 295.212
Yxy	44.5956, 0.2624, 0.2428
Android (android.graphics.Color)	4289637363 (0xFFAEABF3)
YUV	180.1050, 31.0072, -5.3541
Hunter-Lab	66.7799, 11.9615, -33.9248

# Details

The Hex color **AEABF3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F0F3AB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E7E2FF**, and **7877BB** is the 20% darker color. If you saturate the color by 10%, you get **9793F3**, and if you desaturate by 10%, it is **C5C3F3**.

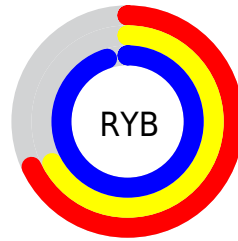
# Distribution



Red (68%)

Green (67%)

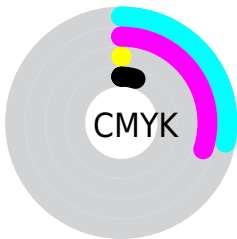
Blue (95%)



Red (68%)

Yellow (67%)

Blue (95%)

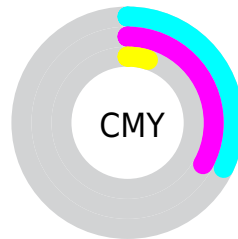


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (33%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEABF3 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 AEABF3 by changing the saturation by 10% instead.



■ AEABF3

■ AEABF3

FFFFFF

■ 9391D6

■ E7E2FF

■ 7877BB

■ 5D5E9F

■ 444785

■ 29306B

■ 0B1C53

■ 00023B

■ 000225

■ 00010D

 AEABF3

 AEABF3

 9793F3

 C5C3F3

 7F7AF3

 DDDCF3

 6862F3

 F4F4F3

 514AF3

 FFFFF3

 3A31F3

 2219F3

 0B01F3

 0A00F3

# Harmonies

## Analogous

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



74B7F9



AEABF3



DA9EDC

# Triad

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



AEABF3



EAA278



50C5AB

# Complementary

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



AEABF3



F0F3AB

# 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.



81C188



AEABF3



CFAE6A

# Square

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



AEABF3



F89895



ABB970



18C5D0

# Rectangle

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



AEABF3



ED98C5



ABB970



61C49F



# Sweetspot

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



AEABF3



E9E8FF



ABF1F3



727180



000000



808080



# Same Dimension

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



AEABF3



A7A3FF



D1ABF3



6F6E7A



0800BA



02003B



# Inverse Universe

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



F3ABF0



FFA3FB



CDF3AB



7A6E7A



BA00B2

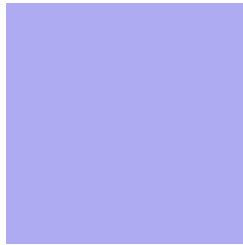


3B0038



# Previews

## White Background



This preview shows how the Hex color AEABF3 looks on a white background.

## Color Contrast Check

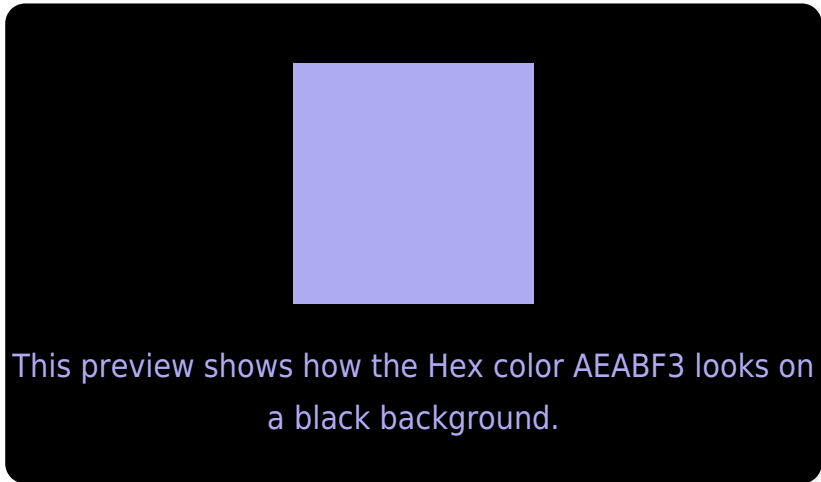
Large Text (above 18pt) WCAG AA × Fail

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

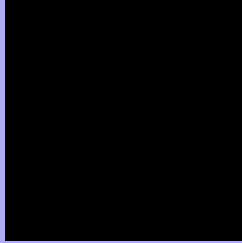
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEABF3 Background



This preview shows how black text looks on a background with the Hex color AEABF3.



This preview shows how white text looks on a background with the Hex color AEABF3.

# 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



**Original Color**  
AEABF3

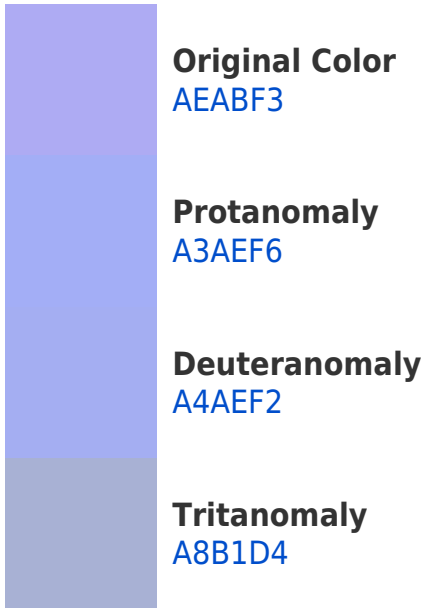
**Protanopia**  
9DB0F7

**Deuteranopia**  
9FB0F2

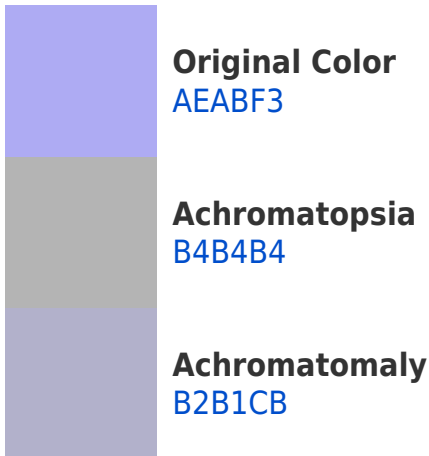


**Tritanopia**  
A4B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEABF3 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 #AEABF3 looks like.

```
.text, #text, p{  
    color:#AEABF3  
}
```

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 #AEABF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEABF3
}
```

## Border

The CSS property to change the border of an element to Hex AEABF3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

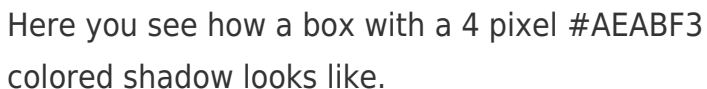
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AEABF3 }
```

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

```
.border{ border-color:#AEABF3 }
```

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



Here you see how a box with a 4 pixel `#AEABF3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEABF3; -webkit-box-shadow:4px 4px  
4px 4px #AEABF3; box-shadow:4px 4px 4px  
4px #AEABF3 }
```

# Background

The CSS property to change the background color of an element to Hex AEABF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEABF3 }
```

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

```
.background{ background-color:#AEABF3 }
```

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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