

# Converting Colors

Hex(AEA6EA)

Have a look what the booklet for  
Hex(AEA6EA) contains.

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# Color

**Hex(AEA6EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEA6EA
RGB	174, 166, 234
RGB Percent	68%, 65%, 92%
CMY	0.3176, 0.3490, 0.0824
CMYK	0.26, 0.29, 0.00, 0.08
HSL	247°, 62%, 78%
HSV	247°, 29%, 92%
XYZ	45.9431, 42.2116, 83.5681
YIQ	176.1440, -17.0600, 22.8440

# Conversions

## Conversions Part 2

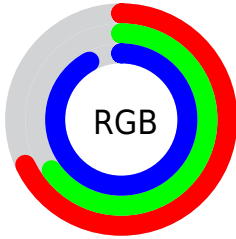
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 166, 234
Decimal	11445994
CIELab	71.02, 17.33, -33.09
CIELCh	71, 37.350, 297.645
Yxy	42.2116, 0.2675, 0.2458
Android (android.graphics.Color)	4289636074 (0xFFAEA6EA)
YUV	176.1440, 28.5230, -1.8803
Hunter-Lab	64.9705, 12.5257, -30.7823

# Details

The Hex color **AEA6EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E2EAA6**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **E7DDFF**, and **7872B2** is the 20% darker color. If you saturate the color by 10%, you get **998FEA**, and if you desaturate by 10%, it is **C3BDEA**.

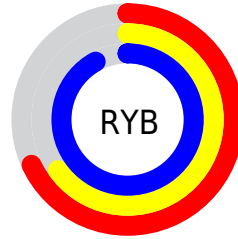
# Distribution



Red (68%)

Green (65%)

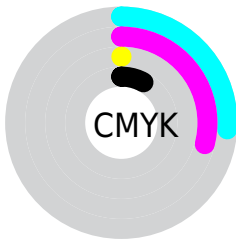
Blue (92%)



Red (68%)

Yellow (65%)

Blue (92%)

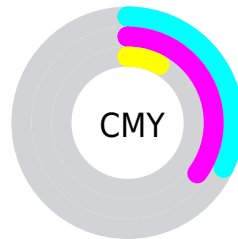


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (35%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEA6EA 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 AEA6EA by changing the saturation by 10% instead.



 AEA6EA

 AEA6EA

FFFFFF

 938CCE

 E7DDFF

 7872B2

 FFFAFF

 5E5A97

 45427D

 2B2C64

 10184B

 000035

 00021E

 000001

 AEA6EA

 AEA6EA

 998FEA

 C3BDEA

 8577EA

 D7D5EA

 7060EA

 ECECEA

 5B48EA

 FFFFEA

 4731EA

 321AEA

 1D02EA

 1C00EA

# Harmonies

## Analogous

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



78B2F1



AEA6EA



D69AD3

# Triad

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



AEA6EA



E29F75



4FC0AA

# Complementary

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



AEA6EA



E2EAA6

# 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.



7CBC88



AEA6EA



C7AB69

# Square

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



AEA6EA



F09690



A4B570



25BFCC

# Rectangle

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



AEA6EA



E795BD



A4B570



5EBF9E



# Sweetspot

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



AEA6EA



EBE8FF



A6E2EA



737180



000000



808080



# Same Dimension

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



AEA6EA



B0A6FF



D0A6EA



6B6A75



1500B5



060036



# Inverse Universe

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



EAA6E2



FFA6F5



C0EAA6



756A74



B500A0

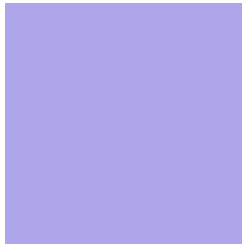


36002F



# Previews

## White Background



This preview shows how the Hex color AEA6EA looks on a white background.

## Color Contrast Check

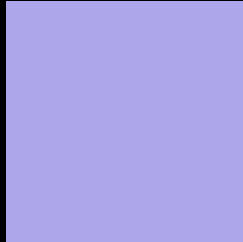
Large Text (above 18pt) WCAG AA × Fail

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 AEA6EA 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 AEA6EA Background



This preview shows how black text looks on a background with the Hex color AEA6EA.



This preview shows how white text looks on a background with the Hex color AEA6EA.

# 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](#).

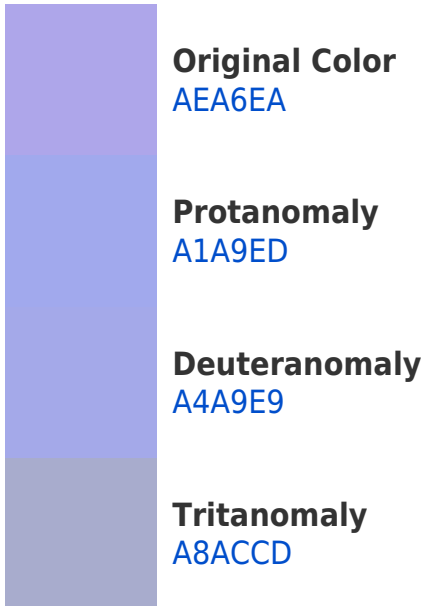
## Dichromacy



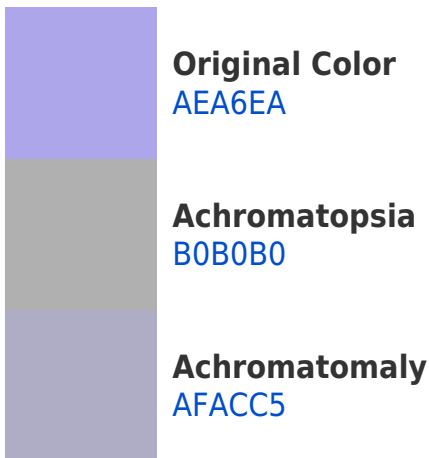


**Tritanopia**  
A5AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEA6EA 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 #AEA6EA looks like.

```
.text, #text, p{  
    color:#AEA6EA  
}
```

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 #AEA6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEA6EA
}
```

## Border

The CSS property to change the border of an element to Hex AEA6EA 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
#AEA6EA }
```

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

```
.border{ border-color:#AEA6EA }
```

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

Here you see how a box with a 4 pixel #AEA6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEA6EA; -webkit-box-shadow:4px 4px  
4px 4px #AEA6EA; box-shadow:4px 4px 4px  
4px #AEA6EA }
```

# Background

The CSS property to change the background color of an element to Hex AEA6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEA6EA }
```

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

```
.background{ background-color:#AEA6EA }
```

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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