

# Converting Colors

Hex(AEA4ED)

Have a look what the booklet for  
Hex(AEA4ED) contains.

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# **Color**

**Hex(AEA4ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEA4ED
RGB	174, 164, 237
RGB Percent	68%, 64%, 93%
CMY	0.3176, 0.3569, 0.0706
CMYK	0.27, 0.31, 0.00, 0.07
HSL	248°, 67%, 79%
HSV	248°, 31%, 93%
XYZ	46.0171, 41.6640, 85.7374
YIQ	175.3120, -17.4730, 24.8230

# Conversions

## Conversions Part 2

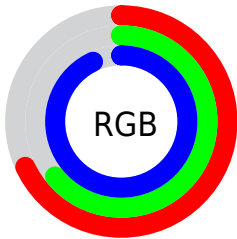
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 164, 237
Decimal	11445485
CIELab	70.64, 19.17, -35.31
CIELCh	71, 40.177, 298.498
Yxy	41.6640, 0.2654, 0.2403
Android (android.graphics.Color)	4289635565 (0xFFAEA4ED)
YUV	175.3120, 30.4122, -1.1506
Hunter-Lab	64.5477, 14.2971, -33.5703

# Details

The Hex color **AEA4ED** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E3EDA4**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E7DBFF**, and **7870B5** is the 20% darker color. If you saturate the color by 10%, you get **9A8CED**, and if you desaturate by 10%, it is **C2BCED**.

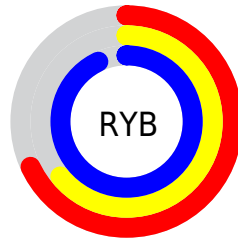
# Distribution



Red (68%)

Green (64%)

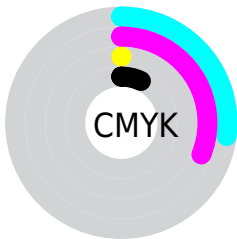
Blue (93%)



Red (68%)

Yellow (64%)

Blue (93%)

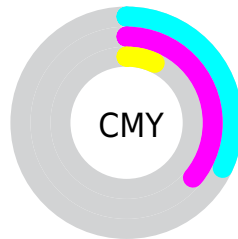


Cyan (27%)

Magenta (31%)

Yellow (0%)

Black (7%)



Cyan (32%)

Magenta (36%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEA4ED 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 AEA4ED by changing the saturation by 10% instead.



 AEA4ED

 AEA4ED

FFFFFF

 938AD1

 E7DBFF

 7870B5

 FFF7FF

 5E589A

 444080

 2A2A66

 0E164E

 000037

 000220

 000005

 AEA4ED

 AEA4ED

 9A8CED

 C2BCED

 8575ED

 D7D3ED

 715DED

 EBEBED

 5C45ED

 FFFFED

 482DED

 3316ED

 2000ED

# Harmonies

## Analogous

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



73B1F5



AEA4ED



D997D4

# Triad

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



AEA4ED



E39D6F



3FC0AA

# Complementary

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



AEA4ED



E3EDA4

# 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.



75BD85



AEA4ED



C6AA63

# Square

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



AEA4ED



F3938C



A1B56B



00BFCE

# Rectangle

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



AEA4ED



EB91BC



A1B56B



53BF9D



# Sweetspot

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



AEA4ED



EBE8FF



A4E3ED



737180



000000



808080



# Same Dimension

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



AEA4ED



AEA1FF



D2A4ED



6B6A75



1900B5



070036



# Inverse Universe

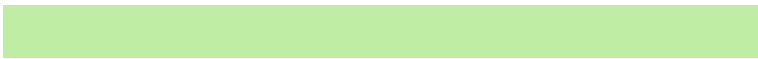
The Inverse Universe completely reimagines the original color for something new.



EDA4E3



FFA1F2



BFEDA4



756A74



B5009C

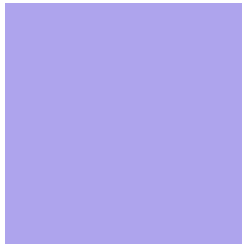


36002E



# Previews

## White Background



This preview shows how the Hex color AEA4ED looks on a white background.

## Color Contrast Check

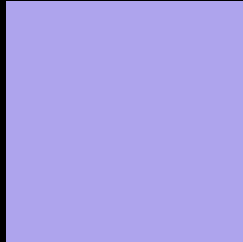
Large Text (above 18pt) WCAG AA × Fail

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 AEA4ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

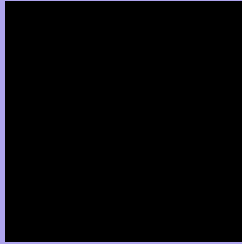
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEA4ED Background



This preview shows how black text looks on a background with the Hex color AEA4ED.

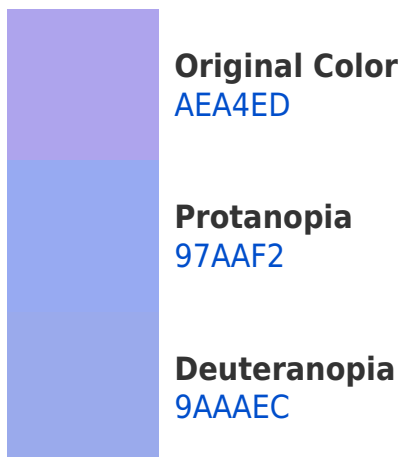


This preview shows how white text looks on a background with the Hex color AEA4ED.

# Color Blindness Simulation

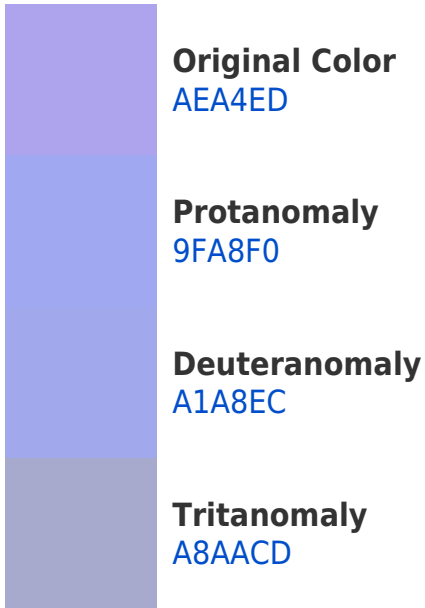
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

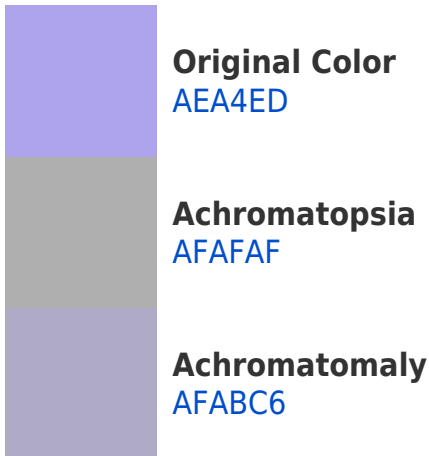




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEA4ED 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 #AEA4ED looks like.

```
.text, #text, p{  
    color:#AEA4ED  
}
```

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 #AEA4ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEA4ED  
}
```

## Border

The CSS property to change the border of an element to Hex AEA4ED 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  
#AEA4ED }
```

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

```
.border{ border-color:#AEA4ED }
```

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

Here you see how a box with a 4 pixel #AEA4ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEA4ED; -webkit-box-shadow:4px 4px  
4px 4px #AEA4ED; box-shadow:4px 4px 4px  
4px #AEA4ED }
```

# Background

The CSS property to change the background color of an element to Hex AEA4ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEA4ED }
```

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

```
.background{ background-color:#AEA4ED }
```

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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