

# Converting Colors

Hex(AEAAEF)

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

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# Color

**Hex(AEAAEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEAAEF
RGB	174, 170, 239
RGB Percent	68%, 67%, 94%
CMY	0.3176, 0.3333, 0.0627
CMYK	0.27, 0.29, 0.00, 0.06
HSL	243°, 68%, 80%
HSV	243°, 29%, 94%
XYZ	47.4103, 43.9801, 87.6516
YIQ	179.0620, -19.7650, 22.3070

# Conversions

## Conversions Part 2

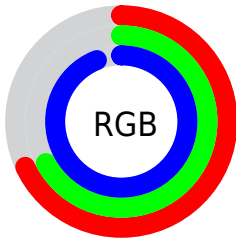
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 170, 239
Decimal	11447023
CIELab	72.22, 16.30, -33.95
CIELCh	72, 37.663, 295.639
Yxy	43.9801, 0.2648, 0.2456
Android (android.graphics.Color)	4289637103 (0xFFAEAAEF)
YUV	179.0620, 29.5494, -4.4394
Hunter-Lab	66.3175, 11.5537, -31.9411

# Details

The Hex color **AEEAEF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EBEFAA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E7E1FF**, and **7876B7** is the 20% darker color. If you saturate the color by 10%, you get **9792EF**, and if you desaturate by 10%, it is **C5C2EF**.

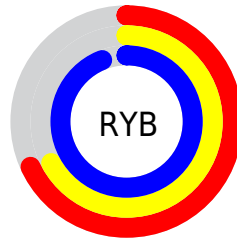
# Distribution



Red (68%)

Green (67%)

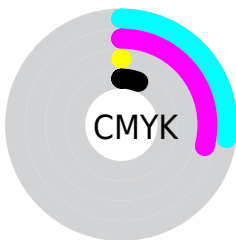
Blue (94%)



Red (68%)

Yellow (67%)

Blue (94%)

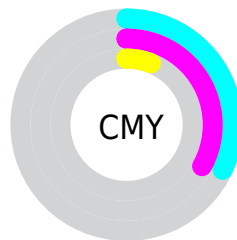


Cyan (27%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (32%)

Magenta (33%)

Yellow (6%)

# Brightness & Saturation Gradients

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



 AEADEF

 AEADEF

FFFFFF

 9390D3

 E7E1FF

 7876B7

FFFEFF

 5E5D9C

 444681

 2A3068

 0E1B50

 000038

 000222

 000008

 AEADEF

 AEADEF

 9792EF

 C5C2EF

 817AEF

 DBDAEF

 6A62EF

 F2F2EF

 544AEF

 FFFFEF

 3D32EF

 271BEF

 1003EF

 0E00EF

# Harmonies

## Analogous

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



77B6F5



AEAAEF



D89ED8

# Triad

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



AEAAEF



E7A179



55C3AB

# Complementary

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



AEAAEF



EBEFAA

# 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.



81C089



AEEAEF



CDAD6C

# Square

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



AEAAEF



F49895



AAB872



2AC3CE

# Rectangle

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



AEADEF



EA98C3



AAB872



64C29F



# Sweetspot

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



AEAAEF



E9E8FF



AAECEF



727180



000000



808080



# Same Dimension

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



AEADEF



ABA6FF



D0AAEF



6D6C78



0B00B8



030038



# Inverse Universe

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



EFAAEB



FFA6FA



C9EFAA



786C77



B800AD

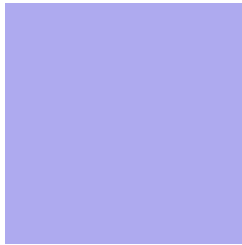


380035



# Previews

## White Background



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

## Color Contrast Check

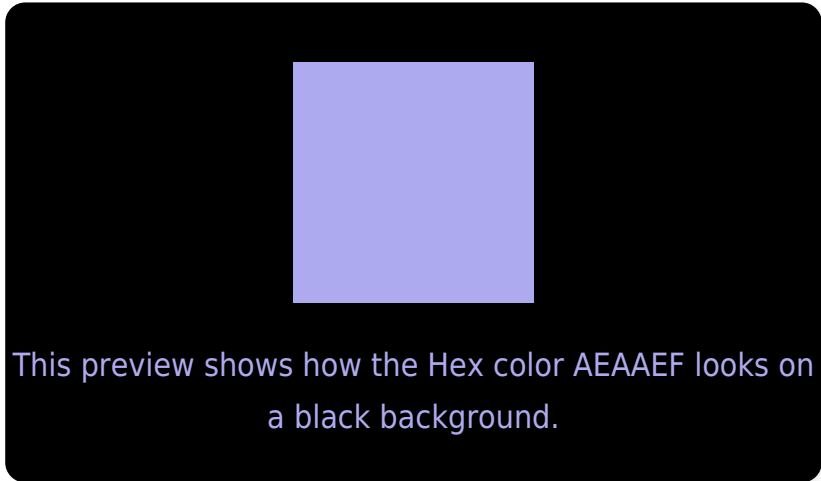
Large Text (above 18pt) WCAG AA × Fail

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

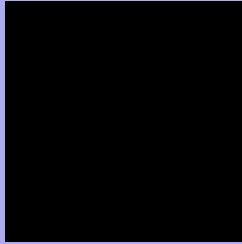
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEAAEF Background



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

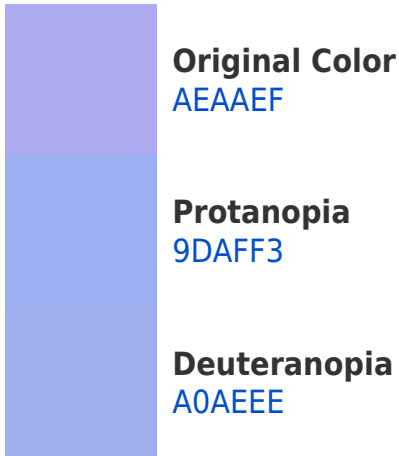


This preview shows how white text looks on a background with the Hex color AEAAEF.

# 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](#).

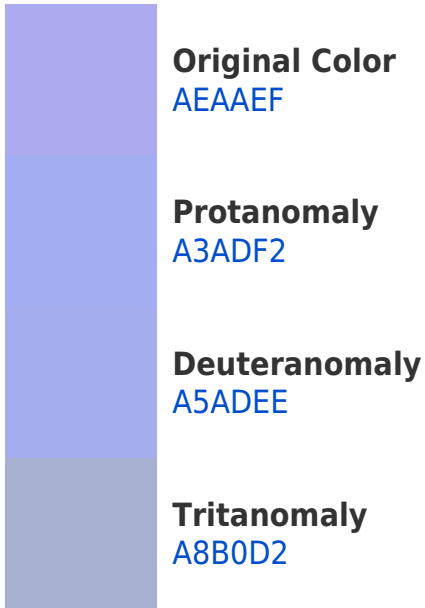
## Dichromacy



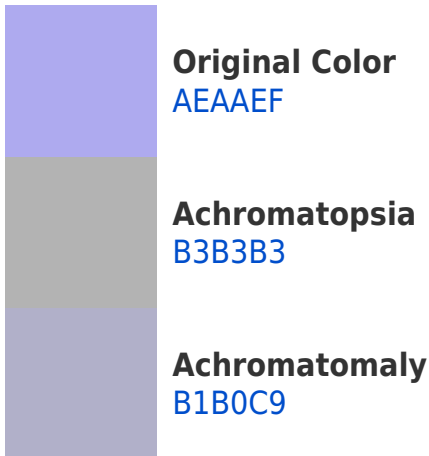


**Tritanopia**  
A5B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #AEAAEF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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