

# Converting Colors

Hex(AE77A4)

Have a look what the booklet for  
Hex(AE77A4) contains.

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# **Color**

**Hex(AE77A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE77A4
RGB	174, 119, 164
RGB Percent	68%, 47%, 64%
CMY	0.3176, 0.5333, 0.3569
CMYK	0.00, 0.32, 0.06, 0.32
HSL	311°, 25%, 57%
HSV	311°, 32%, 68%
XYZ	30.7532, 24.8727, 38.3020
YIQ	140.5750, 18.3350, 25.6550

# Conversions

## Conversions Part 2

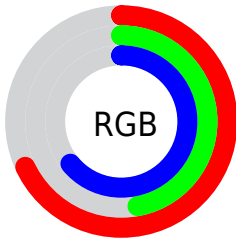
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 119, 164
Decimal	11433892
CIELab	56.95, 28.81, -15.41
CIELCh	57, 32.673, 331.868
Yxy	24.8727, 0.3274, 0.2648
Android (android.graphics.Color)	4289623972 (0xFFAE77A4)
YUV	140.5750, 11.5485, 29.3137
Hunter-Lab	49.8725, 22.7928, -10.6239

# Details

The Hex color **AE77A4** is a light color, and the websafe version is hex **996699**. A complement of this color would be **77AE81**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E6ACDB**, and **794570** is the 20% darker color. If you saturate the color by 10%, you get **AE66A1**, and if you desaturate by 10%, it is **AE88A7**.

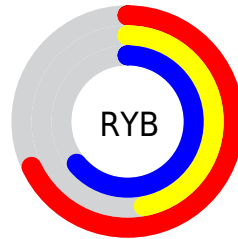
# Distribution



Red (68%)

Green (47%)

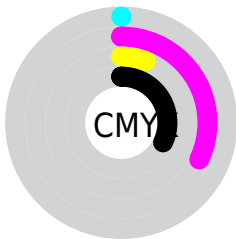
Blue (64%)



Red (68%)

Yellow (47%)

Blue (64%)

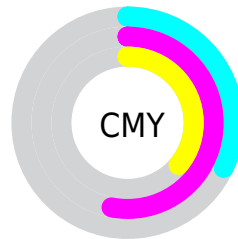


Cyan (0%)

Magenta (32%)

Yellow (6%)

Black (32%)



Cyan (32%)

Magenta (53%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE77A4 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 AE77A4 by changing the saturation by 10% instead.





AE77A4



AE77A4

FFFFFF



935E8A



E6ACDB



794570



FFC8F8



5F2E58



FFE4FF



461740



2F002A



180015



000000



AE77A4



AE77A4



AE66A1



AE88A7

 AE549E

 AE9AAA

 AE439B

 AEABAD

 AE3197

 AEBDB1

 AE2094

 AECEB4

 AE0F91

 AEDFB7

 AE008E

 AEF1BA

 AEFFBD

 AEFFC0

# Harmonies

## Analogous

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



8E81B9



AE77A4



BE7288

# Triad

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



AE77A4



9A884F



0097A6

# Complementary

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



AE77A4



77AE81

# 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.



31988A



AE77A4



7C9057

# Square

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



AE77A4



B17E57



59956D



2D93BA

# Rectangle

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



AE77A4



C07375



59956D



0F989D



# Sweetspot

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



AE77A4



E3CFDF



8077AE



736670



F2F2F2



737373



# Same Dimension

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



AE77A4



E38DD3



AE7789



574E55



96007B



170013



# Inverse Universe

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



AE77A4



E38DD3



77AE9C



574E55



96007B

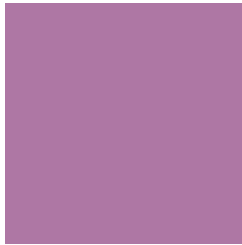


170013



# Previews

## White Background



This preview shows how the Hex color AE77A4 looks on a white background.

## Color Contrast Check

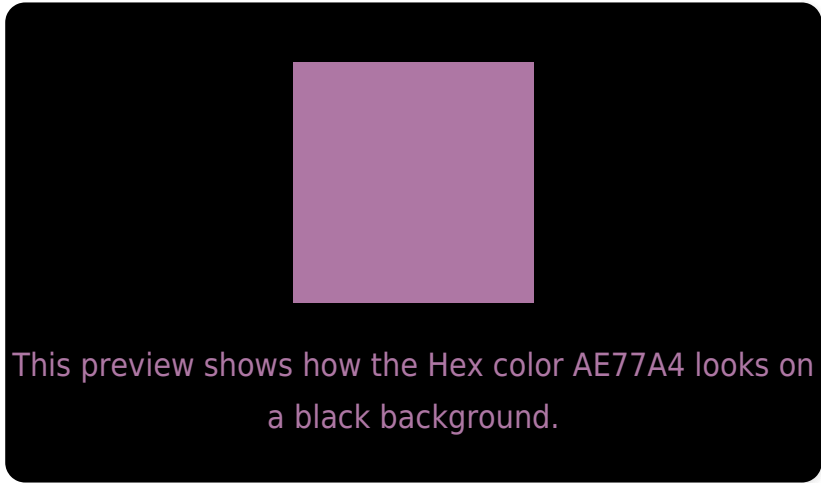
Large Text (above 18pt) WCAG AA ✓ Pass

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

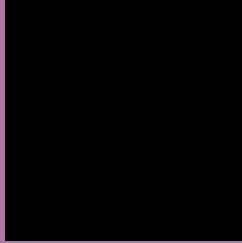
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE77A4 Background



This preview shows how black text looks on a background with the Hex color AE77A4.

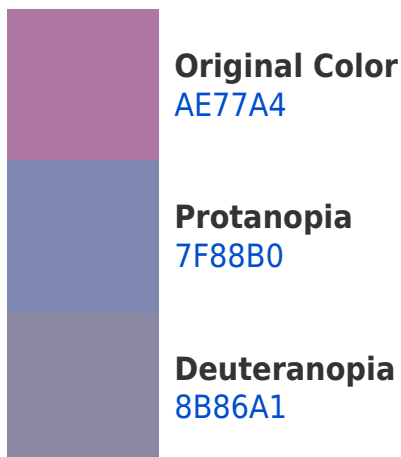



This preview shows how white text looks on a background with the Hex color AE77A4.

# 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](#).

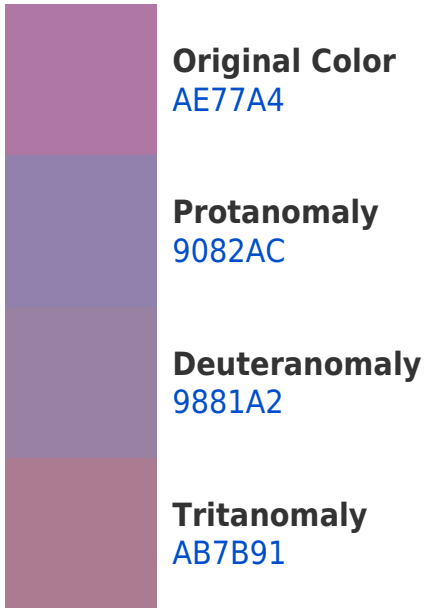
## Dichromacy



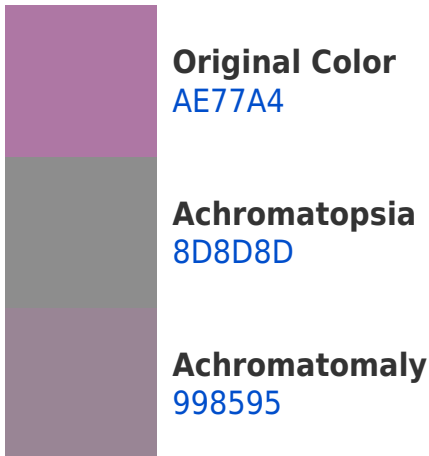


**Tritanopia**  
AA7D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE77A4 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 #AE77A4 looks like.

```
.text, #text, p{  
    color:#AE77A4  
}
```

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 #AE77A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE77A4
}
```

## Border

The CSS property to change the border of an element to Hex AE77A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

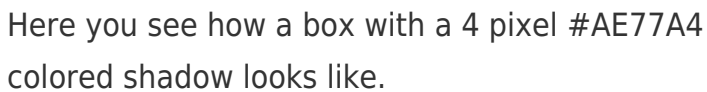
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE77A4 }
```

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

```
.border{ border-color:#AE77A4 }
```

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



Here you see how a box with a 4 pixel #AE77A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE77A4; -webkit-box-shadow:4px 4px  
4px 4px #AE77A4; box-shadow:4px 4px 4px  
4px #AE77A4 }
```

# Background

The CSS property to change the background color of an element to Hex AE77A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE77A4 }
```

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

```
.background{ background-color:#AE77A4 }
```

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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