

# Converting Colors

Hex(AE4499)

Have a look what the booklet for  
Hex(AE4499) contains.

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# Color

**Hex(AE4499)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE4499
RGB	174, 68, 153
RGB Percent	68%, 27%, 60%
CMY	0.3176, 0.7333, 0.4000
CMYK	0.00, 0.61, 0.12, 0.32
HSL	312°, 44%, 47%
HSV	312°, 61%, 68%
XYZ	25.2725, 15.4328, 31.7838
YIQ	109.3840, 35.8910, 48.9070

# Conversions

## Conversions Part 2

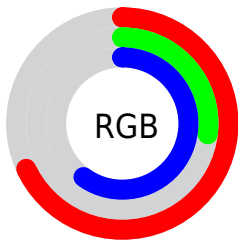
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 68, 153
Decimal	11420825
CIELab	46.22, 53.32, -25.39
CIElCh	46, 59.061, 334.535
Yxy	15.4328, 0.3486, 0.2129
Android (android.graphics.Color)	4289610905 (0xFFAE4499)
YUV	109.3840, 21.5027, 56.6682
Hunter-Lab	39.2846, 46.0839, -20.4702

# Details

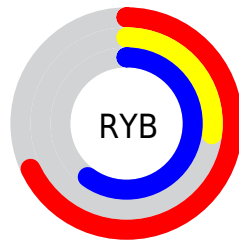
The Hex color **AE4499** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **44AE59**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E87AD0**, and **760066** is the 20% darker color. If you saturate the color by 10%, you get **AE3396**, and if you desaturate by 10%, it is **AE559C**.

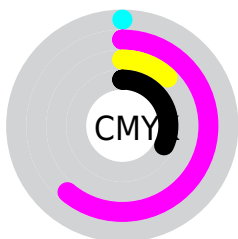
# Distribution



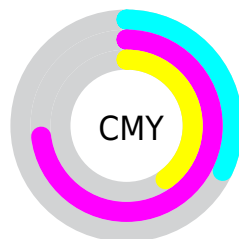
- Red (68%)
- Green (27%)
- Blue (60%)



- Red (68%)
- Yellow (27%)
- Blue (60%)



- Cyan (0%)
- Magenta (61%)
- Yellow (12%)
- Black (32%)



- Cyan (32%)
- Magenta (73%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE4499 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 AE4499 by changing the saturation by 10% instead.



 AE4499

 AE4499

FFFFFF

 92287F

 E87AD0

 760066

 FF96EC

 5C004D

 FFB1FF

 410036

 FFCEFF

 290021

 FFE8FF

 000004

 000000

 AE4499

 AE4499

 AE3396

 AE559C

 AE2192

 AE67A0

 AE108F

 AE78A3

 AE008C

 AE8AA7

 AE9BAA

 AEACAE

 AEBEB1

 AECFB5

 AEE1B8

# Harmonies

## Analogous

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



765DC0



AE4499



C43768

# Triad

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



AE4499



7D6E00



0083A5

# Complementary

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



AE4499



44AE59

# 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.



008474



AE4499



4A7A0A

# Square

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



AE4499



A55B06



008140



007EC7

# Rectangle

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



AE4499



C33D48



008140



008495



# Sweetspot

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



AE4499



E3BADB



5744AE



735A6E



F2F2F2



737373



# Same Dimension

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



AE4499



E33DC2



AE4466



574E55



960079



170012



# Inverse Universe

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



AE4499



E33DC2



44AE8C



574E55



960079



170012



# Previews

## White Background



This preview shows how the Hex color AE4499 looks on a white background.

## Color Contrast Check

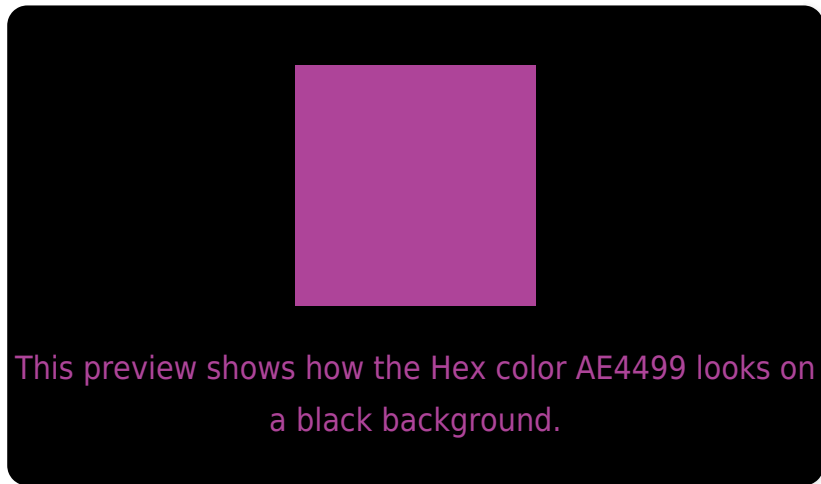
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

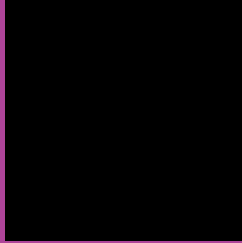
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE4499 Background



This preview shows how black text looks on a background with the Hex color AE4499.

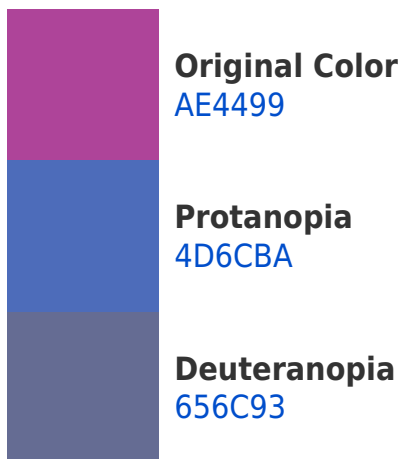



This preview shows how white text looks on a background with the Hex color AE4499.

# 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](#).

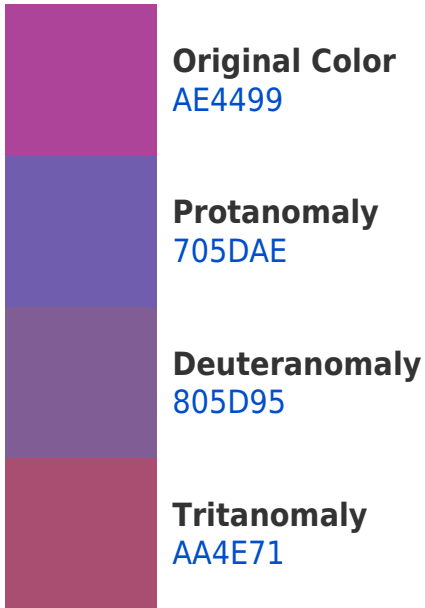
## Dichromacy



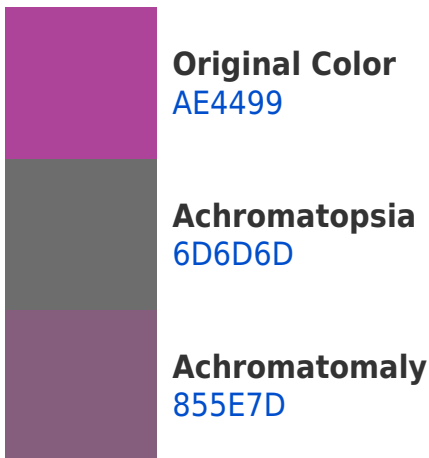


**Tritanopia**  
A8545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE4499 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 #AE4499 looks like.

```
.text, #text, p{  
    color:#AE4499  
}
```

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 #AE4499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE4499
}
```

## Border

The CSS property to change the border of an element to Hex AE4499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

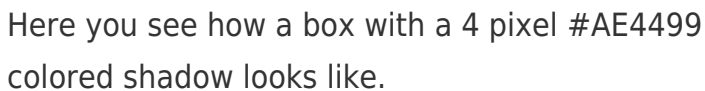
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE4499 }
```

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

```
.border{ border-color:#AE4499 }
```

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



Here you see how a box with a 4 pixel #AE4499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE4499; -webkit-box-shadow:4px 4px  
4px 4px #AE4499; box-shadow:4px 4px 4px  
4px #AE4499 }
```

# Background

The CSS property to change the background color of an element to Hex AE4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE4499 }
```

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

```
.background{ background-color:#AE4499 }
```

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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