

# Converting Colors

Hex(AE3CB4)

Have a look what the booklet for  
Hex(AE3CB4) contains.

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# Color

**Hex(AE3CB4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE3CB4
RGB	174, 60, 180
RGB Percent	68%, 24%, 71%
CMY	0.3176, 0.7647, 0.2941
CMYK	0.03, 0.67, 0.00, 0.29
HSL	297°, 50%, 47%
HSV	297°, 67%, 71%
XYZ	27.3096, 15.5257, 44.7374
YIQ	107.7660, 29.4240, 61.4880

# Conversions

## Conversions Part 2

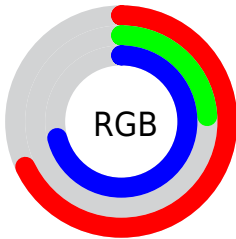
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 60, 180
Decimal	11418804
CIELab	46.35, 61.20, -41.19
CIELCh	46, 73.774, 326.058
Yxy	15.5257, 0.3119, 0.1773
Android (android.graphics.Color)	4289608884 (0xFFAE3CB4)
YUV	107.7660, 35.6114, 58.0872
Hunter-Lab	39.4026, 54.7622, -39.7355

# Details

The Hex color **AE3CB4** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42B43C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E874EC**, and **76007F** is the 20% darker color. If you saturate the color by 10%, you get **AD2AB4**, and if you desaturate by 10%, it is **AF4EB4**.

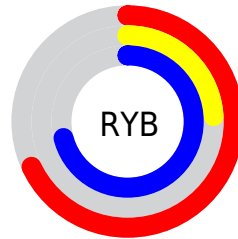
# Distribution



Red (68%)

Green (24%)

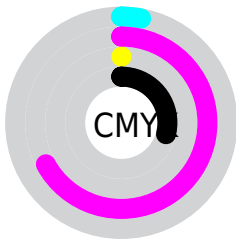
Blue (71%)



Red (68%)

Yellow (24%)

Blue (71%)

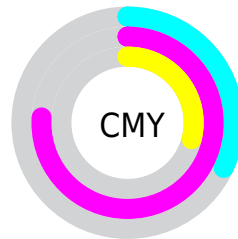


Cyan (3%)

Magenta (67%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (76%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE3CB4 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 AE3CB4 by changing the saturation by 10% instead.



 AE3CB4

 AE3CB4

FFFFFF

 921C99

 E874EC

 76007F

 FF90FF

 5B0065

 FFACFF

 40004C

 FFC9FF

 270035

 FFE6FF

 00001F

 000001

 000000

 AE3CB4

 AE3CB4

 AD2AB4

 AF4EB4

 AC18B4

 B060B4

 AB06B4

 B172B4

 AB00B4

 B284B4

 B396B4

 B3A8B4

 B4BAB4

 B5CCB4

 B6DEB4

# Harmonies

## Analogous

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



4F61DF



AE3CB4



D30C79

# Triad

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



AE3CB4



8D6900



0088A3

# Complementary

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



AE3CB4



42B43C

# 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.



008763



AE3CB4



517A00

# Square

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



AE3CB4



BA4C00



00831F



0084D5

# Rectangle

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



AE3CB4



D71350



00831F



00888F



# Sweetspot

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



AE3CB4



E8BCEB



3C42B4



745975



F5F5F5



757575



# Same Dimension

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



AE3CB4



E12FEB



B43C7E



595059



910099



18001A



# Inverse Universe

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



B43C42



EB2F38



3CB472



595051



990008



1A0001



# Previews

## White Background



This preview shows how the Hex color AE3CB4 looks on a white background.

## Color Contrast Check

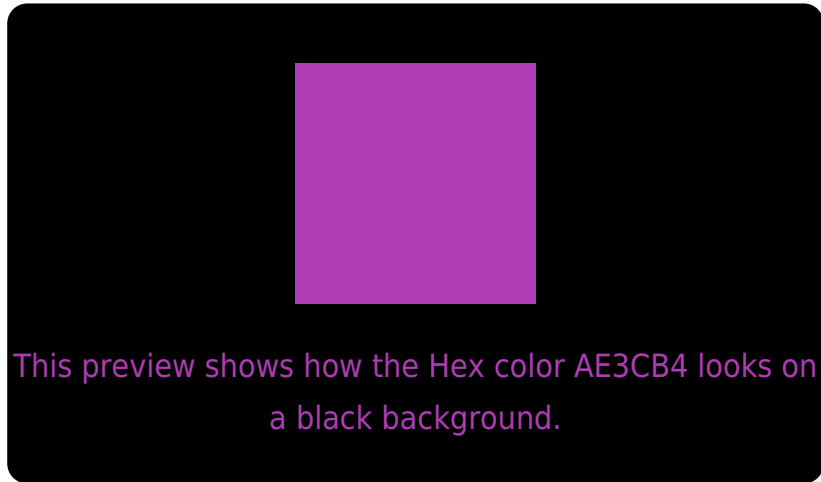
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE3CB4 Background



This preview shows how black text looks on a background with the Hex color AE3CB4.

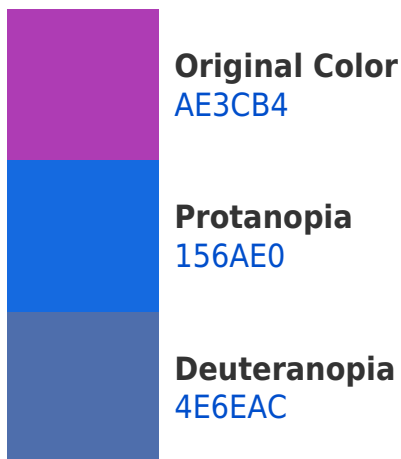


This preview shows how white text looks on a background with the Hex color AE3CB4.

# 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**  
A4575E

# Trichromacy



**Original Color**  
AE3CB4



**Protanomaly**  
4D59D0



**Deuteranomaly**  
715CAF



**Tritanomaly**  
A84D7D

# Monochromacy



**Original Color**  
AE3CB4



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
845B86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE3CB4 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 #AE3CB4 looks like.

```
.text, #text, p{  
    color:#AE3CB4  
}
```

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 #AE3CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE3CB4  
}
```

## Border

The CSS property to change the border of an element to Hex AE3CB4 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  
#AE3CB4 }
```

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

```
.border{ border-color:#AE3CB4 }
```

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

Here you see how a box with a 4 pixel #AE3CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE3CB4; -webkit-box-shadow:4px 4px  
4px 4px #AE3CB4; box-shadow:4px 4px 4px  
4px #AE3CB4 }
```

# Background

The CSS property to change the background color of an element to Hex AE3CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE3CB4 }
```

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

```
.background{ background-color:#AE3CB4 }
```

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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