

# Converting Colors

Hex(AE4FBA)

Have a look what the booklet for  
Hex(AE4FBA) contains.

<b>Hex(AE4FBA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(AE4FBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE4FBA
RGB	174, 79, 186
RGB Percent	68%, 31%, 73%
CMY	0.3176, 0.6902, 0.2706
CMYK	0.06, 0.58, 0.00, 0.27
HSL	293°, 44%, 52%
HSV	293°, 58%, 73%
XYZ	29.1145, 18.1358, 48.4204
YIQ	119.6030, 22.2730, 53.4170

# Conversions

## Conversions Part 2

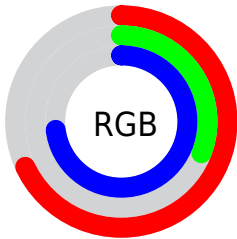
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 79, 186
Decimal	11423674
CIELab	49.66, 54.03, -39.45
CIElCh	50, 66.900, 323.865
Yxy	18.1358, 0.3043, 0.1896
Android (android.graphics.Color)	4289613754 (0xFFAE4FBA)
YUV	119.6030, 32.7337, 47.7062
Hunter-Lab	42.5862, 47.5076, -37.6024

# Details

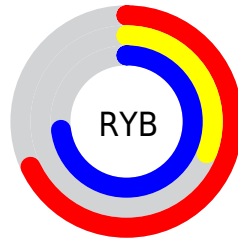
The Hex color **AE4FBA** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **5BBA4F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E885F3**, and **771584** is the 20% darker color. If you saturate the color by 10%, you get **AC3CBA**, and if you desaturate by 10%, it is **B062BA**.

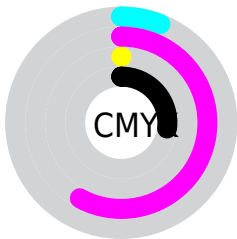
# Distribution



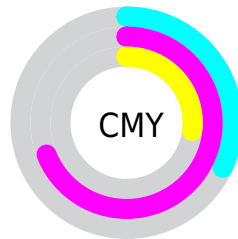
- Red (68%)
- Green (31%)
- Blue (73%)



- Red (68%)
- Yellow (31%)
- Blue (73%)



- Cyan (6%)
- Magenta (58%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (69%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE4FBA 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 AE4FBA by changing the saturation by 10% instead.



 AE4FBA

 AE4FBA

FFFFFF

 92349F

 E885F3

 771584

 FFA0FF

 5C006B

 FFBCFF

 410052

 FFD9FF

 2B003A

 FFF6FF

 000024

 00000B

 000000

 AE4FBA

 AE4FBA

■ AC3CBA

■ B062BA

■ AA2ABA

■ B274BA

■ A817BA

■ B487BA

■ A605BA

■ B699BA

■ A500BA

■ B8ACBA

■ BBBFBA

■ BDD1BA

■ BFE4BA

■ C1F6BA

# Harmonies

## Analogous

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



576CDF



AE4FBA



D43584

# Triad

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



AE4FBA



997000



008FA3

# Complementary

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



AE4FBA



5BBA4F

# 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.



008E68



AE4FBA



638000

# Square

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



AE4FBA



C15714



008A2D



008BD2

# Rectangle

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



AE4FBA



D9355E



008A2D



008F90



# Sweetspot

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



AE4FBA



EEC9F2



4F5BBA



78627A



FAFAFA



7A7A7A



# Same Dimension

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



AE4FBA



E04BF2



BA4F91



5B535C



8A009C



19001C



# Inverse Universe

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



BA4F5B



F24B5E



4FBA78



5C5354



9C0011

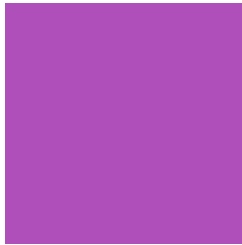


1C0003



# Previews

## White Background



This preview shows how the Hex color AE4FBA looks on a white background.

## Color Contrast Check

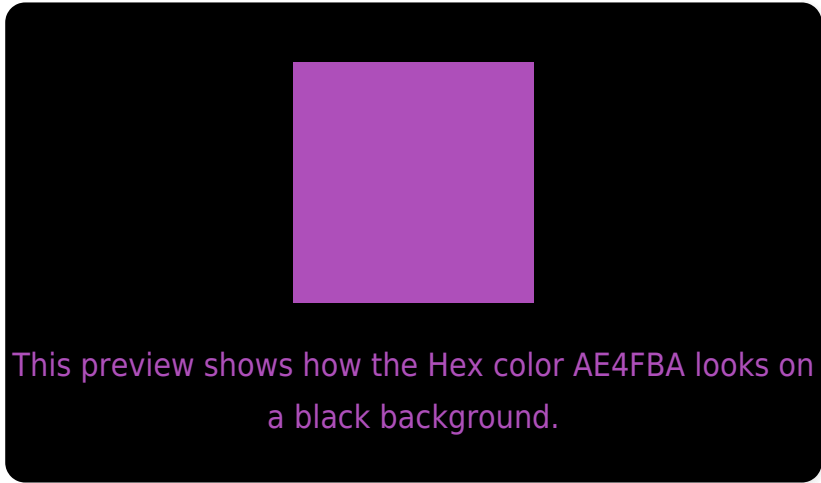
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

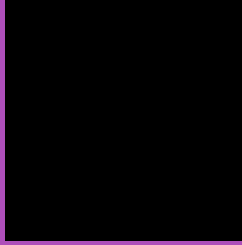
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE4FBA Background



This preview shows how black text looks on a background with the Hex color AE4FBA.

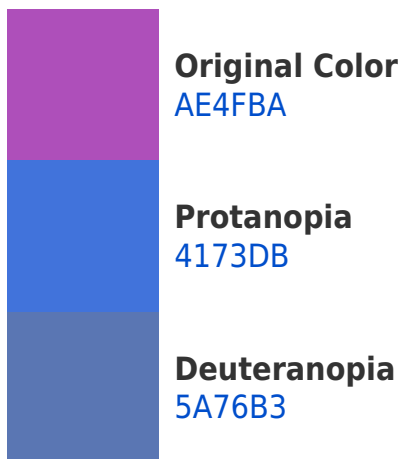



This preview shows how white text looks on a background with the Hex color AE4FBA.

# 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](#).

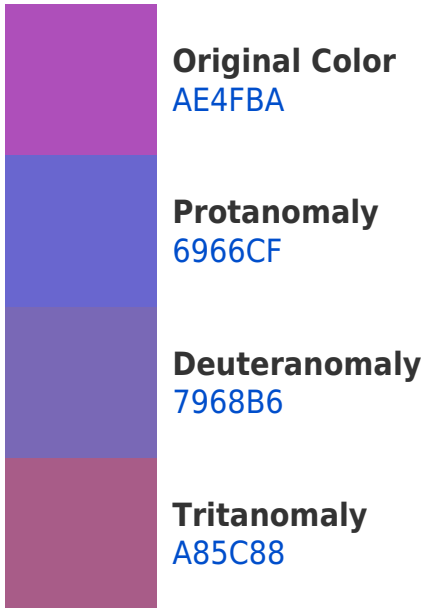
## Dichromacy





**Tritanopia**  
A4646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE4FBA 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 #AE4FBA looks like.

```
.text, #text, p{  
    color:#AE4FBA  
}
```

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 #AE4FBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE4FBA
}
```

## Border

The CSS property to change the border of an element to Hex AE4FBA 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
#AE4FBA }
```

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

```
.border{ border-color:#AE4FBA }
```

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

Here you see how a box with a 4 pixel #AE4FBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE4FBA; -webkit-box-shadow:4px 4px  
4px 4px #AE4FBA; box-shadow:4px 4px 4px  
4px #AE4FBA }
```

# Background

The CSS property to change the background color of an element to Hex AE4FBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE4FBA }
```

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

```
.background{ background-color:#AE4FBA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor