

# Converting Colors

Hex(AE1BAE)

Have a look what the booklet for  
Hex(AE1BAE) contains.

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**Color**

**Hex(AE1BAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE1BAE
RGB	174, 27, 174
RGB Percent	68%, 11%, 68%
CMY	0.3176, 0.8941, 0.3176
CMYK	0.00, 0.84, 0.00, 0.32
HSL	300°, 73%, 39%
HSV	300°, 84%, 68%
XYZ	25.4875, 12.8385, 41.1791
YIQ	87.7110, 40.4250, 76.8810

# Conversions

## Conversions Part 2

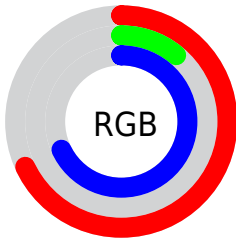
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 27, 174
Decimal	11410350
CIELab	42.52, 70.19, -43.74
CIElCh	43, 82.704, 328.071
Yxy	12.8385, 0.3206, 0.1615
Android (android.graphics.Color)	4289600430 (0xFFAE1BAE)
YUV	87.7110, 42.5405, 75.6755
Hunter-Lab	35.8309, 64.2678, -43.0582

# Details

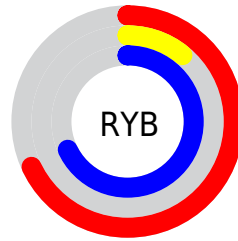
The Hex color **AE1BAE** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1BAE1B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **E95EE6**, and **750079** is the 20% darker color. If you saturate the color by 10%, you get **AE0AAE**, and if you desaturate by 10%, it is **AE2CAE**.

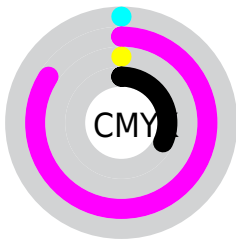
# Distribution



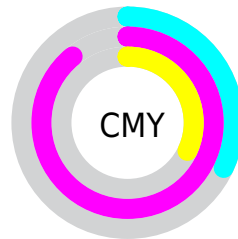
- Red (68%)
- Green (11%)
- Blue (68%)



- Red (68%)
- Yellow (11%)
- Blue (68%)



- Cyan (0%)
- Magenta (84%)
- Yellow (0%)
- Black (32%)



- Cyan (32%)
- Magenta (89%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE1BAE 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 AE1BAE by changing the saturation by 10% instead.



 AE1BAE

 AE1BAE

FFFFFF

 910093

 E95EE6

 750079

 FF7BFF

 59005F

 FF97FF

 3F0047

 FFB4FF

 230030

 FFD2FF

 00011A

 FFEFFF

 000000

 AE1BAE

 AE1BAE

 AE0AAE

 AE2CAE

 AE00AE

 AE3EAE

 AE4FAE

 AE61AE

 AE72AE

 AE83AE

 AE95AE

 AEA6AE

 AEB8AE

# Harmonies

## Analogous

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



4254DF



AE1BAE



D3006C

# Triad

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



AE1BAE



7F6100



007FA4

# Complementary

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



AE1BAE



1BAE1B

# 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.



007E5E



AE1BAE



3A7200

# Square

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



AE1BAE



B13F00



007B0B



007CDA

# Rectangle

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



AE1BAE



D5003F



007B0B



007F8D



# Sweetspot

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



AE1BAE



E3AAE3



1B1BAE



735073



F2F2F2



737373



# Same Dimension

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



AE1BAE



E300E3



AE1B65



574E57



960096



170017



# Inverse Universe

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



AE1BAE



E300E3



1BAE65



574E57



960096



170017



# Previews

## White Background



This preview shows how the Hex color AE1BAE looks on a white background.

## Color Contrast Check

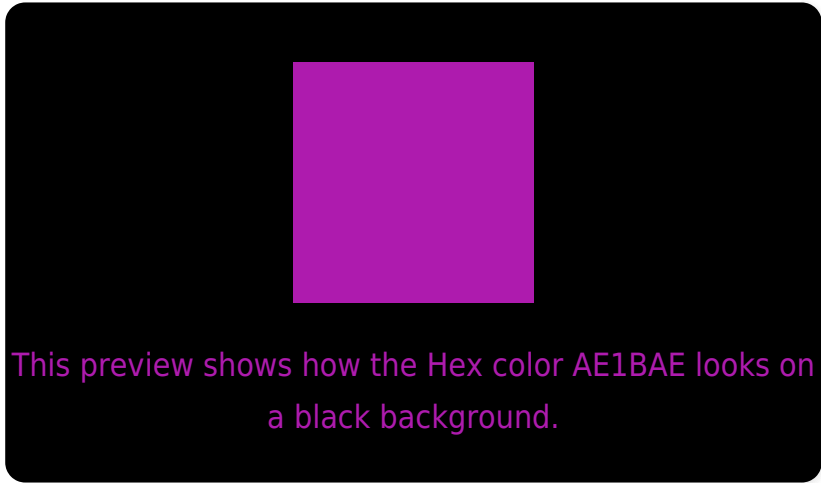
Large Text (above 18pt) WCAG AA ✓ Pass

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

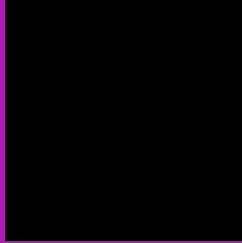
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE1BAE Background



This preview shows how black text looks on a background with the Hex color AE1BAE.

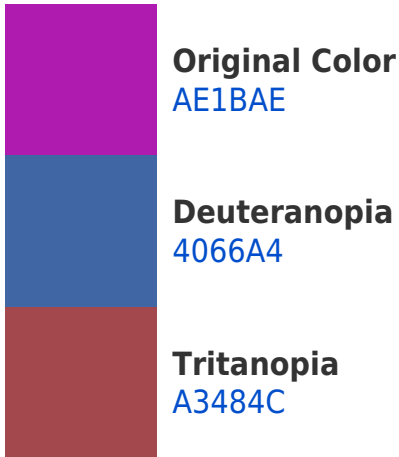


This preview shows how white text looks on a background with the Hex color AE1BAE.

# 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



# Trichromacy



**Original Color**  
AE1BAE

**Deuteranomaly**  
684BA8

**Tritanomaly**  
A73870

# Monochromacy



**Original Color**  
AE1BAE

**Achromatopsia**  
585858

**Achromatomaly**  
774277

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE1BAE 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 #AE1BAE looks like.

```
.text, #text, p{  
    color:#AE1BAE  
}
```

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 #AE1BAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE1BAE
}
```

## Border

The CSS property to change the border of an element to Hex AE1BAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

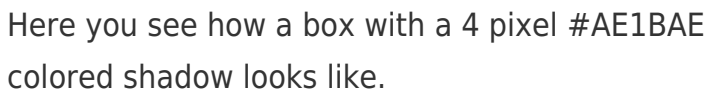
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE1BAE }
```

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

```
.border{ border-color:#AE1BAE }
```

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



Here you see how a box with a 4 pixel #AE1BAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE1BAE; -webkit-box-shadow:4px 4px  
4px 4px #AE1BAE; box-shadow:4px 4px 4px  
4px #AE1BAE }
```

# Background

The CSS property to change the background color of an element to Hex AE1BAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE1BAE }
```

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

```
.background{ background-color:#AE1BAE }
```

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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