

# Converting Colors

Hex(AE26BB)

Have a look what the booklet for  
Hex(AE26BB) contains.

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**Color**

**Hex(AE26BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE26BB
RGB	174, 38, 187
RGB Percent	68%, 15%, 73%
CMY	0.3176, 0.8510, 0.2667
CMYK	0.07, 0.80, 0.00, 0.27
HSL	295°, 66%, 44%
HSV	295°, 80%, 73%
XYZ	27.1183, 13.9728, 48.2814
YIQ	95.6500, 33.2270, 75.1710

# Conversions

## Conversions Part 2

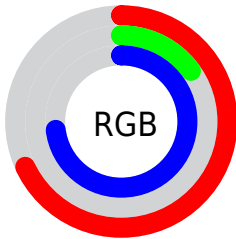
Format	Color
<a href="#">RYB</a>	<a href="#">174, 38, 187</a>
Decimal	<a href="#">11413179</a>
CIELab	<a href="#">44.19, 69.71, -48.73</a>
CIElCh	<a href="#">44, 85.051, 325.044</a>
Yxy	<a href="#">13.9728, 0.3034, 0.1563</a>
Android (android.graphics.Color)	<a href="#">4289603259 (0xFFAE26BB)</a>
YUV	<a href="#">95.6500, 45.0356, 68.7130</a>
Hunter-Lab	<a href="#">37.3801, 64.0818, -50.4148</a>

# Details

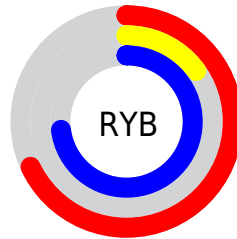
The Hex color **AE26BB** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **33BB26**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E964F4**, and **750085** is the 20% darker color. If you saturate the color by 10%, you get **AC13BB**, and if you desaturate by 10%, it is **B039BB**.

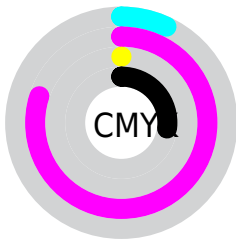
# Distribution



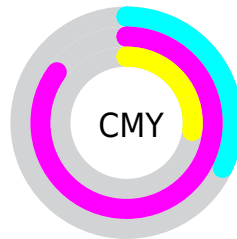
- Red (68%)
- Green (15%)
- Blue (73%)



- Red (68%)
- Yellow (15%)
- Blue (73%)



- Cyan (7%)
- Magenta (80%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (85%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE26BB 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 AE26BB by changing the saturation by 10% instead.



 AE26BB

 AE26BB

FFFFFF

 9100A0

 E964F4

 750085

 FF81FF

 59006B

 FF9EFF

 3E0052

 FFBBFF

 22003A

 FFD8FF

 000123

 FFF5FF

 00000A

 000000

 AE26BB

 AE26BB

■ AC13BB

■ B039BB

■ AB01BB

■ B14BBB

■ AB00BB

■ B35EBB

■ B571BB

■ B684BB

■ B896BB

■ B9A9BB

■ BBBCBB

■ BDCEBB

# Harmonies

## Analogous

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



265BEB



AE26BB



D90078

# Triad

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



AE26BB



8A6200



0085A3

# Complementary

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



AE26BB



33BB26

# 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.



00835A



AE26BB



457600

# Square

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



AE26BB



BC3D00



007F00



0082DD

# Rectangle

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



AE26BB



DE0049



007F00



00848C



# Sweetspot

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



AE26BB



EDB8F2



2635BB



77577A



FAFAFA



7A7A7A



# Same Dimension

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



AE26BB



DE0AF2



BB267F



5E555E



90009E



1C001F



# Inverse Universe

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



BB2633



F20A1E



26BB62



5E5556



9E000E



1F0003



# Previews

## White Background



This preview shows how the Hex color AE26BB looks on a white background.

## Color Contrast Check

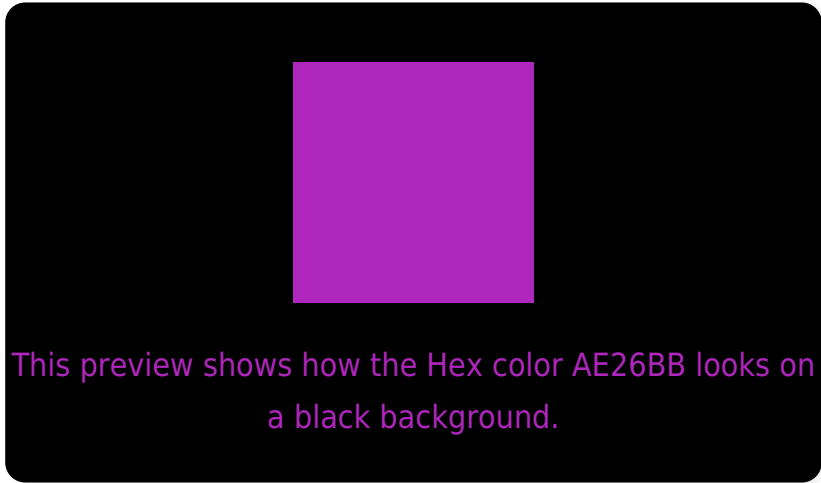
Large Text (above 18pt) WCAG AA ✓ Pass

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

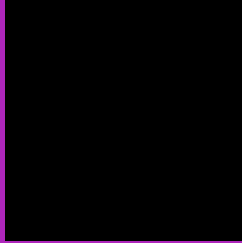
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE26BB Background



This preview shows how black text looks on a background with the Hex color AE26BB.

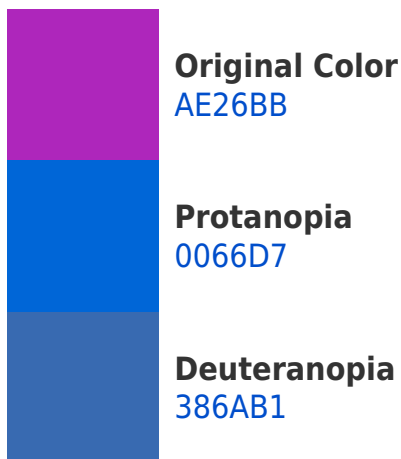


This preview shows how white text looks on a background with the Hex color AE26BB.

# 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](#).

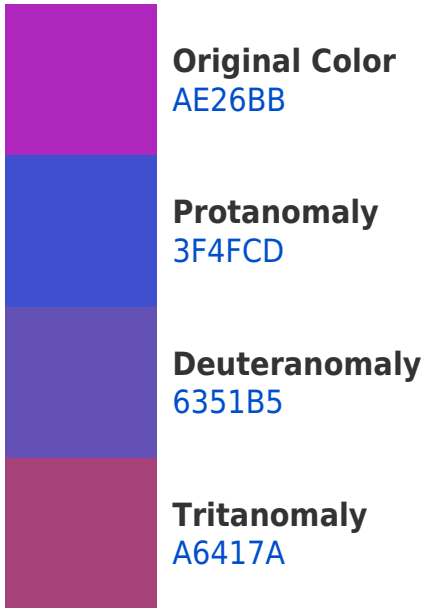
## Dichromacy





**Tritanopia**  
A25055

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE26BB 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 #AE26BB looks like.

```
.text, #text, p{  
    color:#AE26BB  
}
```

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 #AE26BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE26BB
}
```

## Border

The CSS property to change the border of an element to Hex AE26BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

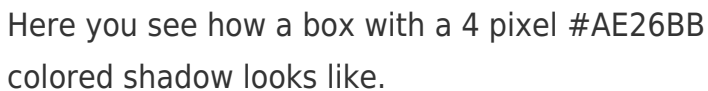
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE26BB }
```

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

```
.border{ border-color:#AE26BB }
```

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



Here you see how a box with a 4 pixel #AE26BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE26BB; -webkit-box-shadow:4px 4px  
4px 4px #AE26BB; box-shadow:4px 4px 4px  
4px #AE26BB }
```

# Background

The CSS property to change the background color of an element to Hex AE26BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE26BB }
```

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

```
.background{ background-color:#AE26BB }
```

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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