

# Converting Colors

Hex(AE33E3)

Have a look what the booklet for  
Hex(AE33E3) contains.

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# Color

Hex(AE33E3)

# Conversions

## Conversions Part 1

Format	Color
Hex	AE33E3
RGB	174, 51, 227
RGB Percent	68%, 20%, 89%
CMY	0.3176, 0.8000, 0.1098
CMYK	0.23, 0.78, 0.00, 0.11
HSL	282°, 76%, 55%
HSV	282°, 78%, 89%
XYZ	32.5045, 16.9124, 74.2243
YIQ	107.8410, 16.8120, 80.8120

# Conversions

## Conversions Part 2

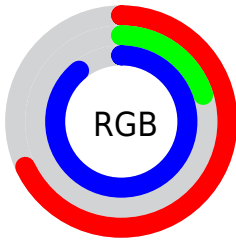
Format	Color
<a href="#">RYB</a>	<a href="#">174, 51, 227</a>
Decimal	<a href="#">11416547</a>
CIELab	<a href="#">48.15, 73.15, -65.42</a>
CIELCh	<a href="#">48, 98.132, 318.194</a>
Yxy	<a href="#">16.9124, 0.2629, 0.1368</a>
Android (android.graphics.Color)	<a href="#">4289606627 (0xFFAE33E3)</a>
YUV	<a href="#">107.8410, 58.7454, 58.0214</a>
Hunter-Lab	<a href="#">41.1247, 69.1164, -78.2229</a>

# Details

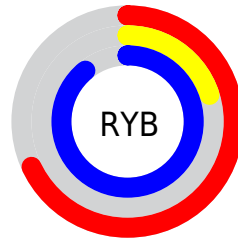
The Hex color **AE33E3** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **68E333**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **EA6FFF**, and **7400AA** is the 20% darker color. If you saturate the color by 10%, you get **A71CE3**, and if you desaturate by 10%, it is **B54AE3**.

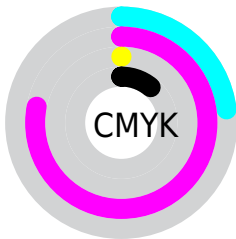
# Distribution



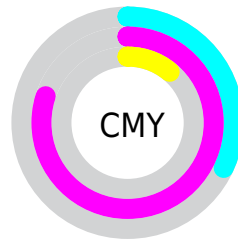
- Red (68%)
- Green (20%)
- Blue (89%)



- Red (68%)
- Yellow (20%)
- Blue (89%)



- Cyan (23%)
- Magenta (78%)
- Yellow (0%)
- Black (11%)



- Cyan (32%)
- Magenta (80%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE33E3 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 AE33E3 by changing the saturation by 10% instead.



 AE33E3

 AE33E3

FFFFFF

 9104C6

 EA6FFF

 7400AA

 FF8BFF

 56008F

 FFA8FF

 380075

 FFC5FF

 1A005B

 FFE3FF

 000042

 00032B

 000116

 000000

 AE33E3

 AE33E3

 A71CE3

 B54AE3

 A006E3

 BC60E3

 9F00E3

 C377E3

 C98EE3

 D0A4E3

 D7BBE3

 DED2E3

 E5E9E3

 ECFFE3

# Harmonies

## Analogous

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



006DFF



AE33E3



EF0097

# Triad

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



AE33E3



A66300



0092A4

# Complementary

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



AE33E3



68E333

# 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.



00904D



AE33E3



5C7E00

# Square

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



AE33E3



DD2A00



008A00



0091EF

# Rectangle

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



AE33E3



FB0060



008A00



009288



# Sweetspot

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



AE33E3



EDC4FF



336BE3



755C80



000000



808080



# Same Dimension

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



AE33E3



B812FF



E333C3



6F6773



7D00B3



240033



# Inverse Universe

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



E33368



FF1259



33E353



73676B



B30036

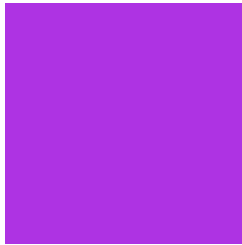


33000F



# Previews

## White Background



This preview shows how the Hex color AE33E3 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

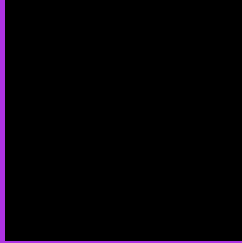
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE33E3 Background



This preview shows how black text looks on a background with the Hex color AE33E3.

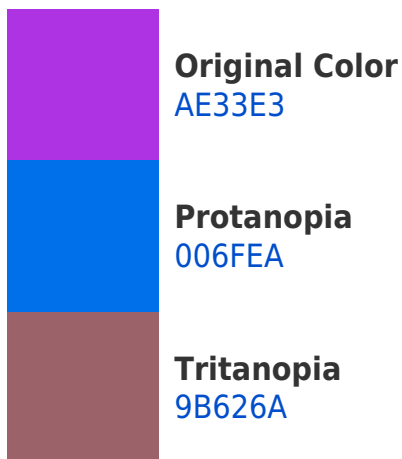


This preview shows how white text looks on a background with the Hex color AE33E3.

# 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**  
AE33E3



**Protanomaly**  
3F59E7

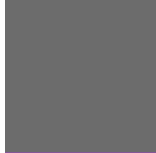


**Tritanomaly**  
A25196

# Monochromacy



**Original Color**  
AE33E3



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
845797

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE33E3 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 #AE33E3 looks like.

```
.text, #text, p{  
    color:#AE33E3  
}
```

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 #AE33E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE33E3
}
```

## Border

The CSS property to change the border of an element to Hex AE33E3 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".

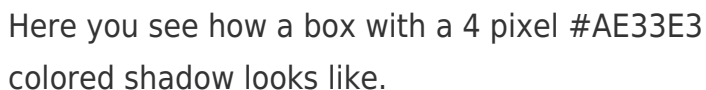
```
.border, #border, table{ border:4px solid
#AE33E3 }
```

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

```
.border{ border-color:#AE33E3 }
```

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

Here you see how a box with a 4 pixel #AE33E3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE33E3; -webkit-box-shadow:4px 4px  
4px 4px #AE33E3; box-shadow:4px 4px 4px  
4px #AE33E3 }
```

# Background

The CSS property to change the background color of an element to Hex AE33E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE33E3 }
```

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

```
.background{ background-color:#AE33E3 }
```

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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