

Converting Colors

Hex(AE33CC)

Have a look what the booklet for
Hex(AE33CC) contains.

Hex(AE33CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AE33CC)

Conversions

Conversions Part 1

Format	Color
Hex	AE33CC
RGB	174, 51, 204
RGB Percent	68%, 20%, 80%
CMY	0.3176, 0.8000, 0.2000
CMYK	0.15, 0.75, 0.00, 0.20
HSL	288°, 60%, 50%
HSV	288°, 75%, 80%
XYZ	29.5385, 15.7260, 58.6053
YIQ	105.2190, 24.1950, 73.6590

Conversions

Conversions Part 2

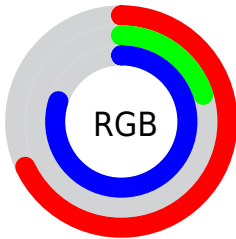
Format	Color
RYB	174, 51, 204
Decimal	11416524
CIELab	46.61, 68.79, -54.73
CIELCh	47, 87.912, 321.493
Yxy	15.7260, 0.2844, 0.1514
Android (android.graphics.Color)	4289606604 (0xFFAE33CC)
YUV	105.2190, 48.6990, 60.3209
Hunter-Lab	39.6560, 63.5610, -59.8622

Details

The Hex color **AE33CC** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **51CC33**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **E96EFF**, and **750095** is the 20% darker color. If you saturate the color by 10%, you get **AA1FCC**, and if you desaturate by 10%, it is **B247CC**.

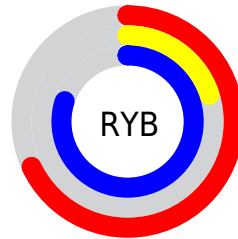
Distribution



Red (68%)

Green (20%)

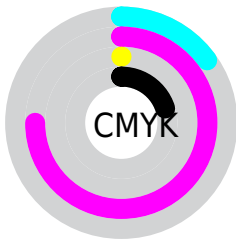
Blue (80%)



Red (68%)

Yellow (20%)

Blue (80%)

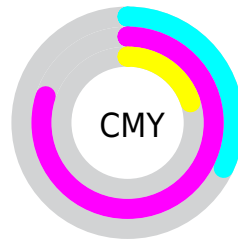


Cyan (15%)

Magenta (75%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (80%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE33CC 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 AE33CC by changing the saturation by 10% instead.

■ AE33CC

■ AE33CC

FFFFFF

■ 9107B0

■ E96EFF

■ 750095

■ FF8AFF

■ 59007A

■ FFA7FF

■ 3D0061

■ FFC4FF

■ 220048

■ FFE1FF

■ 000030

■ 00011B

■ 000000

■ AE33CC

■ AE33CC

■ AA1FCC

■ B247CC

■ A60ACC

■ B65CCC

■ A400CC

■ BA70CC

■ BE85CC

■ C299CC

■ C6ADCC

■ CAC2CC

■ CED6CC

■ D2EBCC

Harmonies

Analogous

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



0065FB



AE33CC



E20087

Triad

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



AE33CC



986400



008CA3

Complementary

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



AE33CC



51CC33

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.



008A56



AE33CC



547A00

Square

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



AE33CC



CB3B00



008500



008AE3

Rectangle

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



AE33CC



EA0056



008500



008C8A

Sweetspot

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



AE33CC



F4C4FF



3352CC



795C80



000000



808080

Same Dimension

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



AE33CC



D219FF



CC339E



645C66



8500A6



1F0026

Inverse Universe

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



CC3351



FF1946



33CC61



665C5E



A60020



260007

Previews

White Background



This preview shows how the Hex color AE33CC 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

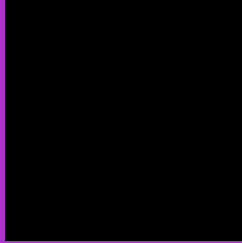
Any Text WCAG AA × Fail

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 AE33CC Background



This preview shows how black text looks on a background with the Hex color AE33CC.

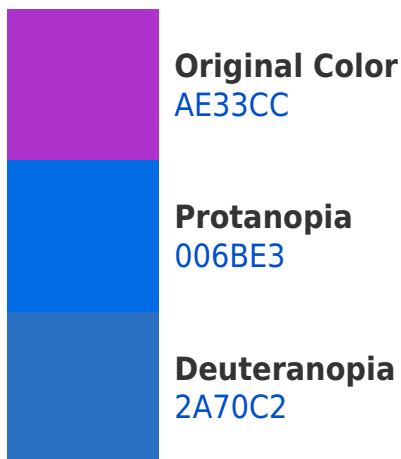


This preview shows how white text looks on a background with the Hex color AE33CC.

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
9F5B61

Trichromacy



Original Color
AE33CC



Protanomaly
3F57DB



Deuteranomaly
5A5AC6



Tritanomaly
A44C88

Monochromacy



Original Color
AE33CC



Achromatopsia
696969



Achromatomaly
82558D

CSS Examples

Text

The CSS property to change the color of the text to Hex AE33CC 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 #AE33CC looks like.

```
.text, #text, p{  
    color:#AE33CC  
}
```

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 #AE33CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE33CC
}
```

Border

The CSS property to change the border of an element to Hex AE33CC 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
#AE33CC }
```

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

```
.border{ border-color:#AE33CC }
```

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

Here you see how a box with a 4 pixel #AE33CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE33CC; -webkit-box-shadow:4px 4px  
4px 4px #AE33CC; box-shadow:4px 4px 4px  
4px #AE33CC }
```

Background

The CSS property to change the background color of an element to Hex AE33CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE33CC }
```

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

```
.background{ background-color:#AE33CC }
```

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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