

Converting Colors

Hex(AA00DE)

Have a look what the booklet for
Hex(AA00DE) contains.

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Color

Hex(AA00DE)

Conversions

Conversions Part 1

Format	Color
Hex	AA00DE
RGB	170, 0, 222
RGB Percent	67%, 0%, 87%
CMY	0.3333, 1.0000, 0.1294
CMYK	0.23, 1.00, 0.00, 0.13
HSL	286°, 100%, 44%
HSV	286°, 100%, 87%
XYZ	29.7624, 13.8200, 70.2061
YIQ	76.1380, 30.0580, 105.0820

Conversions

Conversions Part 2

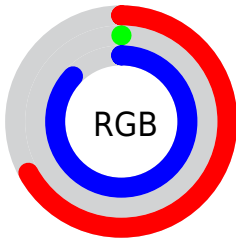
Format	Color
R_{YB}	170, 0, 222
Decimal	11141342
CIE _{Lab}	43.97, 81.02, -69.38
CIE _{LCh}	44, 106.670, 319.427
Yxy	13.8200, 0.2616, 0.1215
Android (android.graphics.Color)	4289331422 (0xFFAA00DE)
YUV	76.1380, 71.9100, 82.3170
Hunter-Lab	37.1752, 77.8499, -85.9476

Details

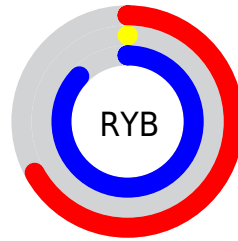
The Hex color **AA00DE** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **34DE00**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **E658FF**, and **6F00A6** is the 20% darker color. If you saturate the color by 10%, you get **AA00DE**, and if you desaturate by 10%, it is **AF16DE**.

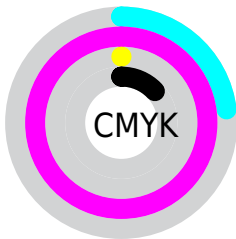
Distribution



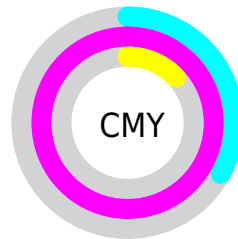
- Red (67%)
- Green (0%)
- Blue (87%)



- Red (67%)
- Yellow (0%)
- Blue (87%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA00DE 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 AA00DE by changing the saturation by 10% instead.

■ AA00DE

■ AA00DE

FFFFFF

■ 8C00C1

■ E658FF

■ 6F00A6

■ FF76FF

■ 51008A

■ FF93FF

■ 320070

■ FFB0FF

■ 0A0056

■ FFCEFF

■ 00003E

■ FFECFF

■ 000327

■ 000110

■ 000000

 AA00DE

 AF16DE

 B42CDE

 BA43DE

 BF59DE

 C46FDE

 C985DE

 CE9BDE

 D4B2DE

 D9C8DE

Harmonies

Analogous

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



0061FF



AA00DE



ED008B

Triad

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



AA00DE



995900



0088A1

Complementary

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



AA00DE



34DE00

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.



008544



AA00DE



467500

Square

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



AA00DE



D40000



008100



0088F1

Rectangle

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



AA00DE



F70052



008100



008783

Sweetspot

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



AA00DE



EDB3FF



0038DE



755280



000000



808080

Same Dimension

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



AA00DE



C300FF



DE00A7



6E6570



8700B0



250030

Inverse Universe

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



DE0034



FF003C



00DE38



706568



B00029



30000B

Previews

White Background



This preview shows how the Hex color AA00DE looks on a white background.

Color Contrast Check

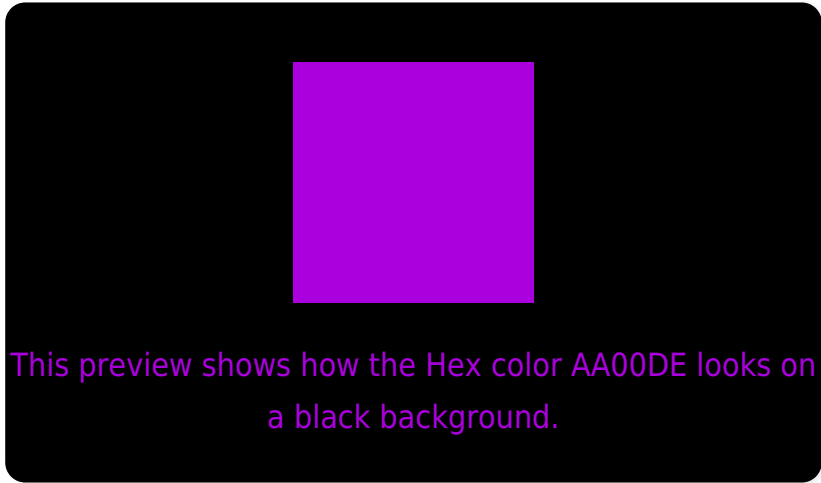
Large Text (above 18pt) WCAG AA ✓ Pass

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

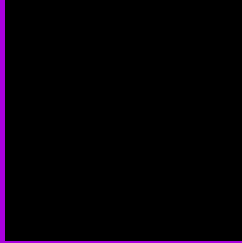
Any Text WCAG AA × Fail

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 AA00DE Background



This preview shows how black text looks on a background with the Hex color AA00DE.

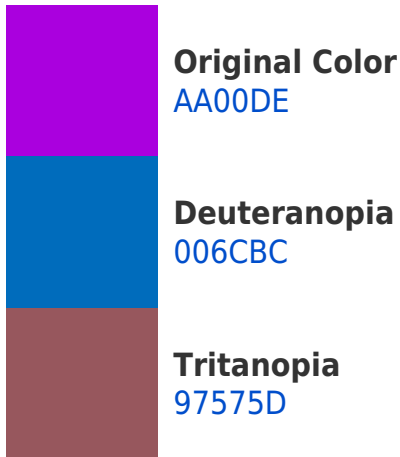


This preview shows how white text looks on a background with the Hex color AA00DE.

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
AA00DE



Deuteranomaly
3E45C8

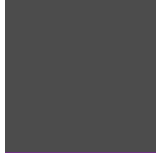


Tritanomaly
9E378C

Monochromacy



Original Color
AA00DE



Achromatopsia
4C4C4C



Achromatomaly
6E3081

CSS Examples

Text

The CSS property to change the color of the text to Hex AA00DE 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 #AA00DE looks like.

```
.text, #text, p{  
    color:#AA00DE  
}
```

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 #AA00DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA00DE
}
```

Border

The CSS property to change the border of an element to Hex AA00DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

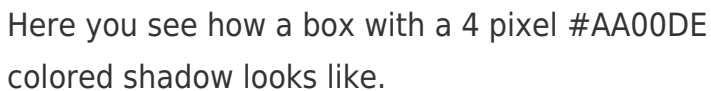
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA00DE }
```

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

```
.border{ border-color:#AA00DE }
```

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



Here you see how a box with a 4 pixel #AA00DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA00DE; -webkit-box-shadow:4px 4px  
4px 4px #AA00DE; box-shadow:4px 4px 4px  
4px #AA00DE }
```

Background

The CSS property to change the background color of an element to Hex AA00DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA00DE }
```

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

```
.background{ background-color:#AA00DE }
```

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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