

# Converting Colors

Hex(A300AD)

Have a look what the booklet for  
Hex(A300AD) contains.

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**Color**

**Hex(A300AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A300AD
RGB	163, 0, 173
RGB Percent	64%, 0%, 68%
CMY	0.3608, 1.0000, 0.3216
CMYK	0.06, 1.00, 0.00, 0.32
HSL	297°, 100%, 34%
HSV	297°, 100%, 68%
XYZ	22.6471, 10.8037, 40.4268
YIQ	68.4590, 41.6150, 88.3590

# Conversions

## Conversions Part 2

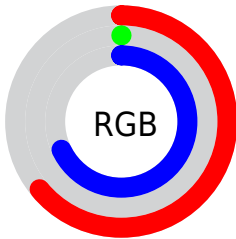
Format	Color
<b>R<sub>YB</sub></b>	163, 0, 173
Decimal	10682541
CIE <sub>Lab</sub>	39.25, 71.84, -48.49
CIE <sub>LCh</sub>	39, 86.674, 325.980
Yxy	10.8037, 0.3065, 0.1462
Android (android.graphics.Color)	4288872621 (0xFFA300AD)
YUV	68.4590, 51.5387, 82.9125
Hunter-Lab	32.8689, 65.4680, -49.9150

# Details

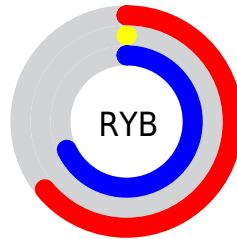
The Hex color **A300AD** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0AAD00**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **DE53E5**, and **6A0078** is the 20% darker color. If you saturate the color by 10%, you get **A300AD**, and if you desaturate by 10%, it is **A411AD**.

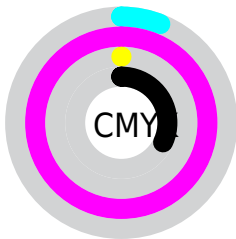
# Distribution



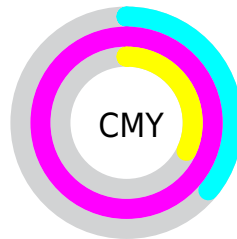
- Red (64%)
- Green (0%)
- Blue (68%)



- Red (64%)
- Yellow (0%)
- Blue (68%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (100%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A300AD 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 A300AD by changing the saturation by 10% instead.



 A300AD

 A300AD

FFFFFF

 860092

 DE53E5

 6A0078

 FC70FF

 4E005E

 FF8DFF

 350046

 FFAAFF

 14002E

 FFC7FF

 000118

 FFE4FF

 000000

 A300AD

 A411AD

 A523AD

 A634AD

 A745AD

 A857AD

 A968AD

 AA79AD

 AB8AAD

 AC9CAD

# Harmonies

## Analogous

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



014EDE



A300AD



CC0069

# Triad

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



A300AD



795700



007799

# Complementary

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



A300AD



0AAD00

# 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.



007651



A300AD



326A00

# Square

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



A300AD



AC3000



007200



0075D3

# Rectangle

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



A300AD



D0003B



007200



007782



# Sweetspot

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



A300AD



DD9DE0



000CAD



6E4870



F0F0F0



707070



# Same Dimension

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



A300AD



D300E0



AD0062



564E57



8E0096



160017



# Inverse Universe

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



AD000A



E0000D



00AD4B



574E4F



960009



170001



# Previews

## White Background



This preview shows how the Hex color A300AD looks on a white background.

## Color Contrast Check

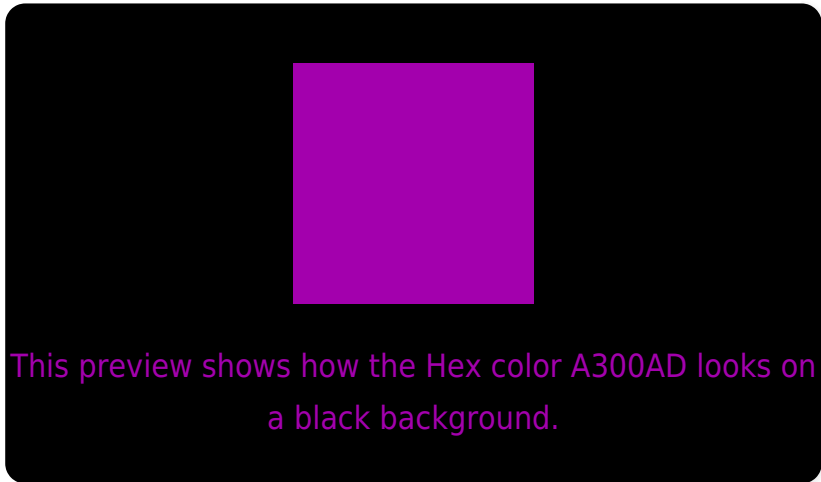
Large Text (above 18pt) WCAG AA ✓ Pass

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

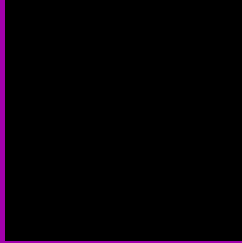
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A300AD Background



This preview shows how black text looks on a background with the Hex color A300AD.

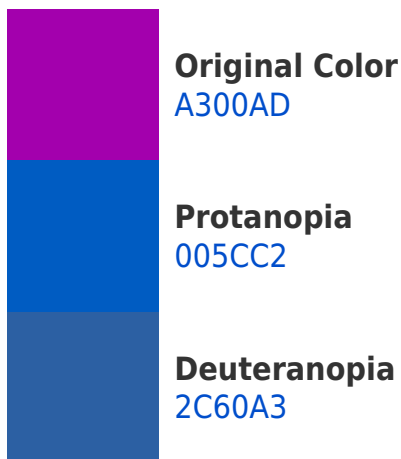



This preview shows how white text looks on a background with the Hex color A300AD.

# 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**  
974448

# Trichromacy



**Original Color**  
A300AD



**Protanomaly**  
3B3BBA



**Deuteranomaly**  
573DA7



**Tritanomaly**  
9B2B6D

# Monochromacy



**Original Color**  
A300AD



**Achromatopsia**  
444444



**Achromatomaly**  
672B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A300AD 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 #A300AD looks like.

```
.text, #text, p{  
    color:#A300AD  
}
```

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 #A300AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A300AD
}
```

## Border

The CSS property to change the border of an element to Hex A300AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

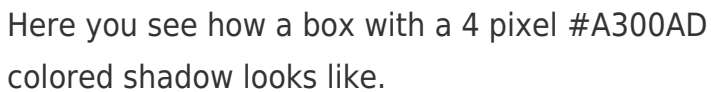
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A300AD }
```

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

```
.border{ border-color:#A300AD }
```

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



Here you see how a box with a 4 pixel `#A300AD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A300AD; -webkit-box-shadow:4px 4px  
4px 4px #A300AD; box-shadow:4px 4px 4px  
4px #A300AD }
```

# Background

The CSS property to change the background color of an element to Hex A300AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A300AD }
```

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

```
.background{ background-color:#A300AD }
```

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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