

# Converting Colors

Hex(A300BB)

Have a look what the booklet for  
Hex(A300BB) contains.

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**Color**

**Hex(A300BB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A300BB
RGB	163, 0, 187
RGB Percent	64%, 0%, 73%
CMY	0.3608, 1.0000, 0.2667
CMYK	0.13, 1.00, 0.00, 0.27
HSL	292°, 100%, 37%
HSV	292°, 100%, 73%
XYZ	24.0739, 11.3744, 47.9403
YIQ	70.0550, 37.1210, 92.7130

# Conversions

## Conversions Part 2

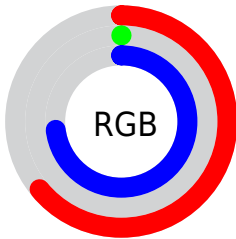
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 0, 187
Decimal	10682555
CIELab	40.20, 74.09, -55.25
CIELCh	40, 92.425, 323.290
Yxy	11.3744, 0.2887, 0.1364
Android (android.graphics.Color)	4288872635 (0xFFA300BB)
YUV	70.0550, 57.6539, 81.5128
Hunter-Lab	33.7259, 68.3946, -60.6707

# Details

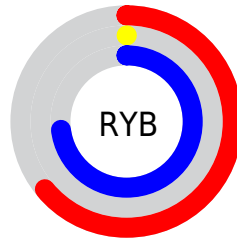
The Hex color **A300BB** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **18BB00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **DE54F4**, and **6A0085** is the 20% darker color. If you saturate the color by 10%, you get **A300BB**, and if you desaturate by 10%, it is **A513BB**.

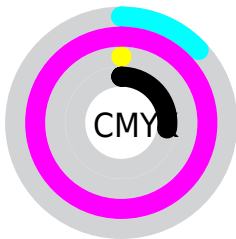
# Distribution



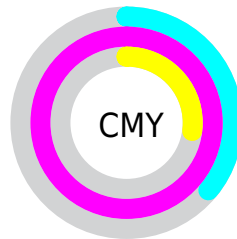
- Red (64%)
- Green (0%)
- Blue (73%)



- Red (64%)
- Yellow (0%)
- Blue (73%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (100%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A300BB 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 A300BB by changing the saturation by 10% instead.



 A300BB

 A300BB

FFFFFF

 86009F

 DE54F4

 6A0085


 FC71FF

 4D006B

 FF8EFF

 340052

 FFABFF

 11003A

 FFC8FF

 000223

 FFE6FF

 000009

 000000

 A300BB

 A513BB

 A825BB

 AA38BB

 AD4BBB

 AF5EBB

 B170BB

 B483BB

 B696BB

 B9A8BB

# Harmonies

## Analogous

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



0054ED



A300BB



D40073

# Triad

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



A300BB



825600



007B99

# Complementary

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



A300BB



18BB00

# 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.



00794B



A300BB



386C00

# Square

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



A300BB



B72600



007500



007ADA

# Rectangle

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



A300BB



DA0042



007500



007B80



# Sweetspot

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



A300BB



E9AAF2



0019BB



754E7A



FAFAFA



7A7A7A



# Same Dimension

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



A300BB



D300F2



BB0076



5D555E



8A009E



1B001F



# Inverse Universe

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



BB0018



F2001F



00BB45



5E5556



9E0014



1F0004



# Previews

## White Background



This preview shows how the Hex color A300BB looks on a white background.

## Color Contrast Check

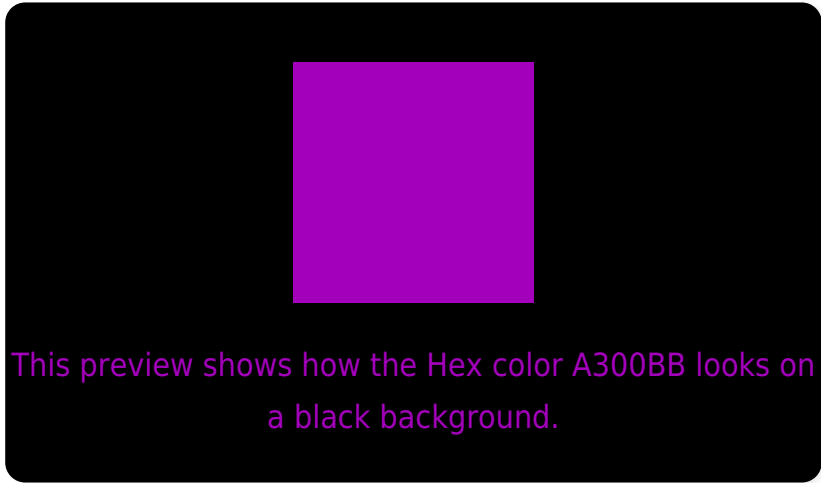
Large Text (above 18pt) WCAG AA ✓ Pass

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

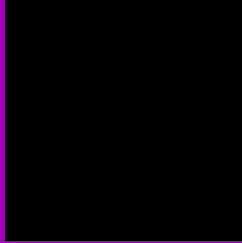
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A300BB Background



This preview shows how black text looks on a background with the Hex color A300BB.

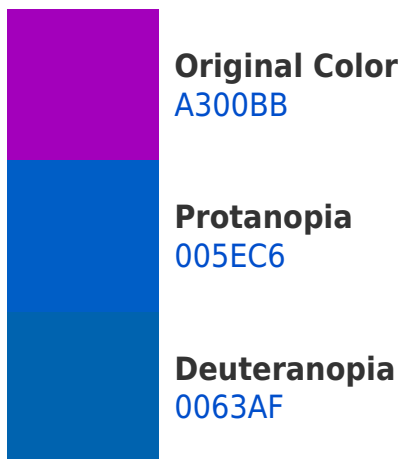



This preview shows how white text looks on a background with the Hex color A300BB.

# 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**  
95494E

# Trichromacy



**Original Color**  
A300BB



**Protanomaly**  
3B3CC2



**Deuteranomaly**  
3B3FB3



**Tritanomaly**  
9A2E76

# Monochromacy



**Original Color**  
A300BB



**Achromatopsia**  
464646



**Achromatomaly**  
682D71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A300BB 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 #A300BB looks like.

```
.text, #text, p{  
    color:#A300BB  
}
```

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 #A300BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A300BB  
}
```

## Border

The CSS property to change the border of an element to Hex A300BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

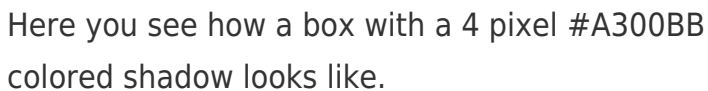
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A300BB }
```

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

```
.border{ border-color:#A300BB }
```

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



Here you see how a box with a 4 pixel #A300BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A300BB; -webkit-box-shadow:4px 4px  
4px 4px #A300BB; box-shadow:4px 4px 4px  
4px #A300BB }
```

# Background

The CSS property to change the background color of an element to Hex A300BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A300BB }
```

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

```
.background{ background-color:#A300BB }
```

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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