

# Converting Colors

Hex(A700A9)

Have a look what the booklet for  
Hex(A700A9) contains.

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**Color**

**Hex(A700A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A700A9
RGB	167, 0, 169
RGB Percent	65%, 0%, 66%
CMY	0.3451, 1.0000, 0.3373
CMYK	0.01, 1.00, 0.00, 0.34
HSL	299°, 100%, 33%
HSV	299°, 100%, 66%
XYZ	23.0978, 11.0801, 38.4574
YIQ	69.1990, 45.2830, 87.9630

# Conversions

## Conversions Part 2

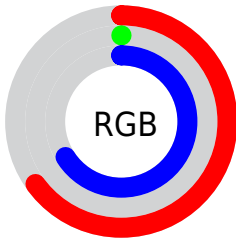
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 0, 169
Decimal	10944681
CIE <sub>Lab</sub>	39.71, 71.87, -45.31
CIE <sub>LCh</sub>	40, 84.961, 327.768
Yxy	11.0801, 0.3180, 0.1525
Android (android.graphics.Color)	4289134761 (0xFFA700A9)
YUV	69.1990, 49.2019, 85.7715
Hunter-Lab	33.2867, 65.6100, -45.1992

# Details

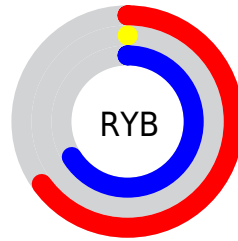
The Hex color **A700A9** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **02A900**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E253E1**, and **6E0074** is the 20% darker color. If you saturate the color by 10%, you get **A700A9**, and if you desaturate by 10%, it is **A711A9**.

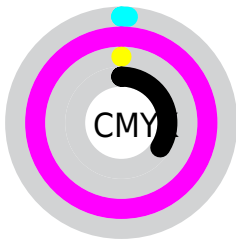
# Distribution



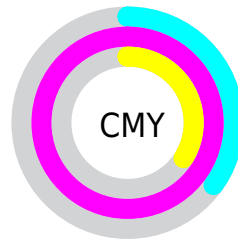
- Red (65%)
- Green (0%)
- Blue (66%)



- Red (65%)
- Yellow (0%)
- Blue (66%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (100%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A700A9 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 A700A9 by changing the saturation by 10% instead.



 A700A9

 A700A9

FFFFFF

 8A008E

 E253E1

 6E0074

 FF71FE

 52005B


 FF8EFF

 390043

 FFABFF

 1A002B

 FFC8FF

 000115

 FFE5FF

 000000

 A700A9

 A711A9

 A722A9

 A833A9

 A844A9

 A854A9

 A865A9

 A876A9

 A987A9

 A998A9

# Harmonies

## Analogous

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



2F4DDB



A700A9



CD0066

# Triad

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



A700A9



775A00



00789D

# Complementary

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



A700A9



02A900

# 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.



007756



A700A9



2F6B00

# Square

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



A700A9



AA3600



007400



0076D4

# Rectangle

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



A700A9



CF0039



007400



007886



# Sweetspot

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



A700A9



DB9ADB



0003A9



6D466E



EDEDED



6E6E6E



# Same Dimension

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



A700A9



D900DB



A90057



544C54



920094



140014



# Inverse Universe

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



A90002



DB0003



00A952



544C4C



940002



140000



# Previews

## White Background



This preview shows how the Hex color A700A9 looks on a white background.

## Color Contrast Check

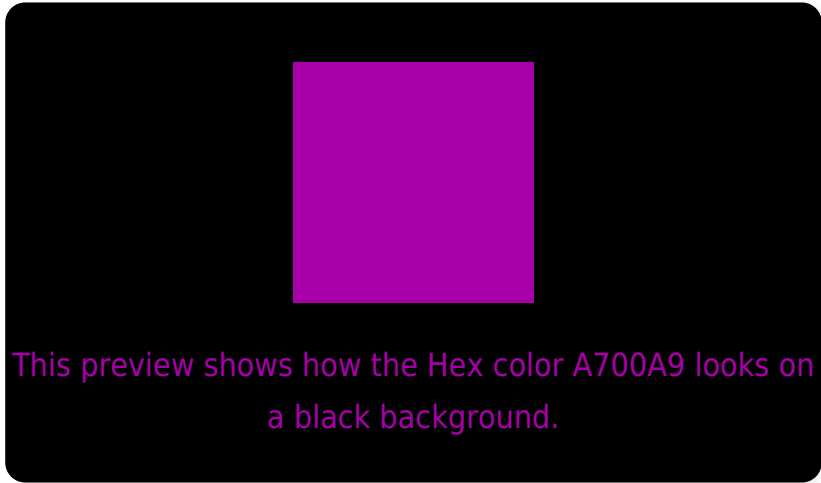
Large Text (above 18pt) WCAG AA ✓ Pass

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

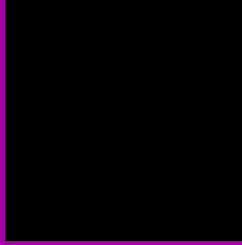
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A700A9 Background



This preview shows how black text looks on a background with the Hex color A700A9.

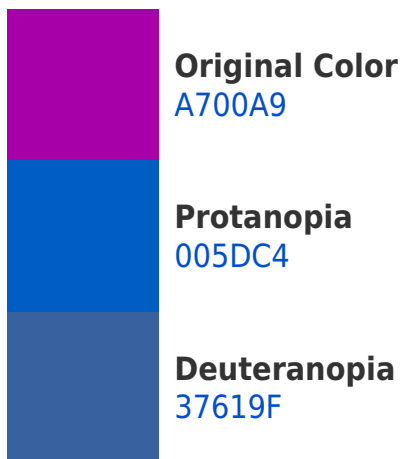


This preview shows how white text looks on a background with the Hex color A700A9.

# 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**  
9C4247

# Trichromacy



**Original Color**  
A700A9



**Protanomaly**  
3D3BBA



**Deuteranomaly**  
603EA3



**Tritanomaly**  
A02A6B

# Monochromacy



**Original Color**  
A700A9



**Achromatopsia**  
454545



**Achromatomaly**  
692C69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A700A9 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 #A700A9 looks like.

```
.text, #text, p{  
    color:#A700A9  
}
```

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 #A700A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A700A9
}
```

## Border

The CSS property to change the border of an element to Hex A700A9 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
#A700A9 }
```

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

```
.border{ border-color:#A700A9 }
```

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

Here you see how a box with a 4 pixel #A700A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A700A9; -webkit-box-shadow:4px 4px  
4px 4px #A700A9; box-shadow:4px 4px 4px  
4px #A700A9 }
```

# Background

The CSS property to change the background color of an element to Hex A700A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A700A9 }
```

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

```
.background{ background-color:#A700A9 }
```

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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