

Converting Colors

Hex(A700CA)

Have a look what the booklet for
Hex(A700CA) contains.

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Color

Hex(A700CA)

Conversions

Conversions Part 1

Format	Color
Hex	A700CA
RGB	167, 0, 202
RGB Percent	65%, 0%, 79%
CMY	0.3451, 1.0000, 0.2078
CMYK	0.17, 1.00, 0.00, 0.21
HSL	290°, 100%, 40%
HSV	290°, 100%, 79%
XYZ	26.5970, 12.4798, 56.8841
YIQ	72.9610, 34.6900, 98.2260

Conversions

Conversions Part 2

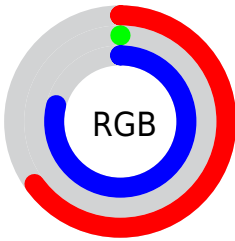
Format	Color
RYB	167, 0, 202
Decimal	10944714
CIELab	41.97, 77.18, -61.13
CIElCh	42, 98.455, 321.616
Yxy	12.4798, 0.2772, 0.1301
Android (android.graphics.Color)	4289134794 (0xFFA700CA)
YUV	72.9610, 63.6162, 82.4722
Hunter-Lab	35.3267, 72.5686, -70.7419

Details

The Hex color **A700CA** 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 **23CA00**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **E355FF**, and **6D0093** is the 20% darker color. If you saturate the color by 10%, you get **A700CA**, and if you desaturate by 10%, it is **AB14CA**.

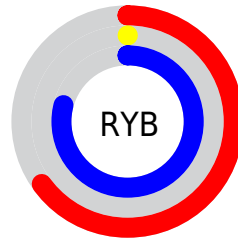
Distribution



Red (65%)

Green (0%)

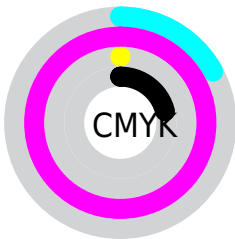
Blue (79%)



Red (65%)

Yellow (0%)

Blue (79%)

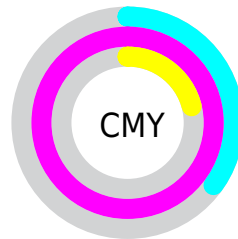


Cyan (17%)

Magenta (100%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (100%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color A700CA 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 A700CA by changing the saturation by 10% instead.

 A700CA

 A700CA

FFFFFF

 8A00AE

 E355FF

 6D0093

 FF73FF

 500078

 FF90FF

 34005F

 FFAEFF

 110046

 FFCBFF

 00042E

 FFE9FF

 000119

 000000

 A700CA

 AB14CA

 AE28CA

 B23DCA

 B551CA

 B965CA

 BC79CA

 C08DCA

 C3A2CA

 C7B6CA

Harmonies

Analogous

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



005AFE



A700CA



DF007E

Triad

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



A700CA



8C5800



00819E

Complementary

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



A700CA



23CA00

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.



007F49



A700CA



3E7000

Square

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



A700CA



C41D00



007B00



0080E4

Rectangle

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



A700CA



E70049



007B00



008082

Sweetspot

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



A700CA



F2B3FF



0025CA



785280



000000



808080

Same Dimension

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



A700CA



D300FF



CA008A



645C66



8900A6



200026

Inverse Universe

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



CA0023



FF002C



00CA40



665C5E



A6001D



260007

Previews

White Background



This preview shows how the Hex color A700CA looks on a white background.

Color Contrast Check

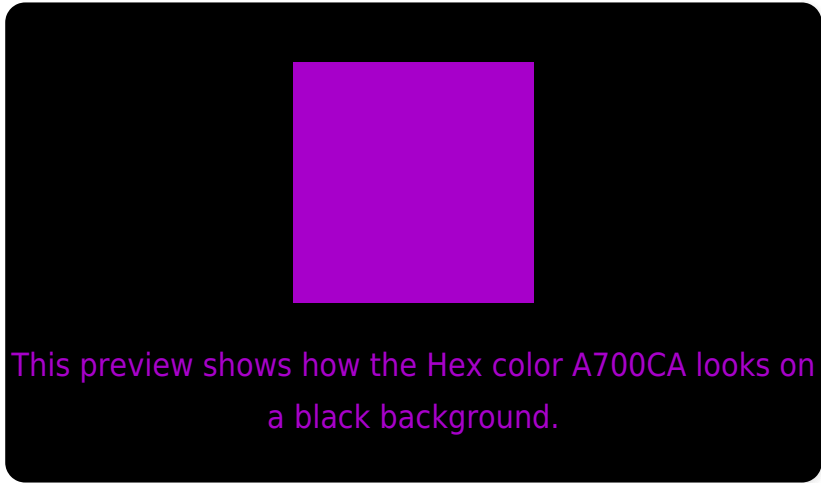
Large Text (above 18pt) WCAG AA ✓ Pass

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

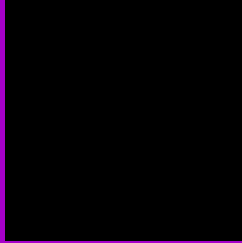
Any Text WCAG AA × Fail

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 A700CA Background



This preview shows how black text looks on a background with the Hex color A700CA.




This preview shows how white text looks on a background with the Hex color A700CA.

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](#).

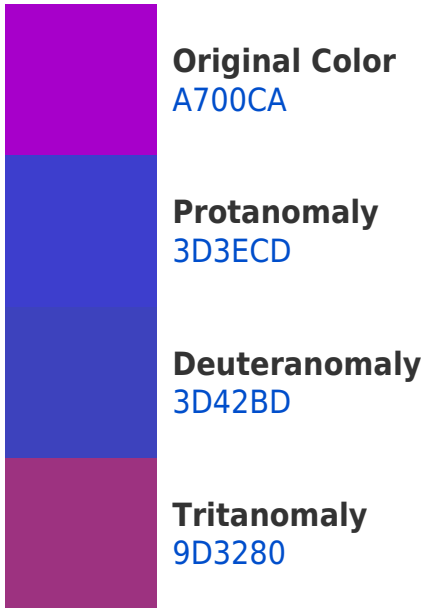
Dichromacy



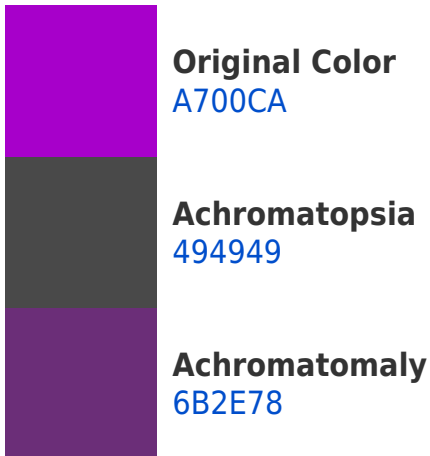


Tritanopia
974F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A700CA 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 #A700CA looks like.

```
.text, #text, p{  
    color:#A700CA  
}
```

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 #A700CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A700CA
}
```

Border

The CSS property to change the border of an element to Hex A700CA 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
#A700CA }
```

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

```
.border{ border-color:#A700CA }
```

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

Here you see how a box with a 4 pixel #A700CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A700CA; -webkit-box-shadow:4px 4px  
4px 4px #A700CA; box-shadow:4px 4px 4px  
4px #A700CA }
```

Background

The CSS property to change the background color of an element to Hex A700CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A700CA }
```

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

```
.background{ background-color:#A700CA }
```

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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