

Converting Colors

Hex(A700AA)

Have a look what the booklet for
Hex(A700AA) contains.

Hex(A700AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A700AA)

Conversions

Conversions Part 1

Format	Color
Hex	A700AA
RGB	167, 0, 170
RGB Percent	65%, 0%, 67%
CMY	0.3451, 1.0000, 0.3333
CMYK	0.02, 1.00, 0.00, 0.33
HSL	299°, 100%, 33%
HSV	299°, 100%, 67%
XYZ	23.1920, 11.1178, 38.9538
YIQ	69.3130, 44.9620, 88.2740

Conversions

Conversions Part 2

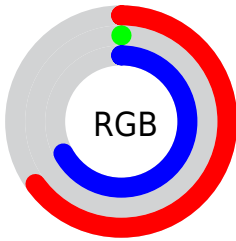
Format	Color
R_{YB}	167, 0, 170
Decimal	10944682
CIE _{Lab}	39.78, 72.02, -45.81
CIE _{LCh}	40, 85.355, 327.540
Yxy	11.1178, 0.3166, 0.1518
Android (android.graphics.Color)	4289134762 (0xFFA700AA)
YUV	69.3130, 49.6387, 85.6715
Hunter-Lab	33.3433, 65.8054, -45.9260

Details

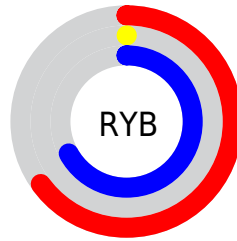
The Hex color **A700AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **03AA00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E253E2**, and **6E0075** is the 20% darker color. If you saturate the color by 10%, you get **A700AA**, and if you desaturate by 10%, it is **A711AA**.

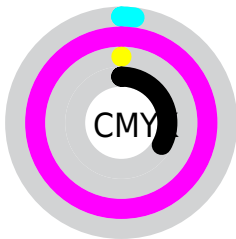
Distribution



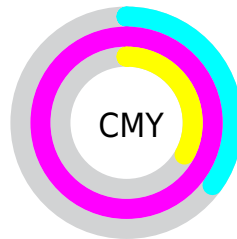
- Red (65%)
- Green (0%)
- Blue (67%)



- Red (65%)
- Yellow (0%)
- Blue (67%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color A700AA 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 A700AA by changing the saturation by 10% instead.

 A700AA

 A700AA

FFFFFF

 8A008F

 E253E2

 6E0075

 FF71FF

 52005C


 FF8EFF

 390044

 FFABFF

 1A002C

 FFC8FF

 000116

 FFE5FF

 000000

 A700AA

 A711AA

 A822AA

 A833AA

 A844AA

 A855AA

 A966AA

 A977AA

 A988AA

 AA99AA

Harmonies

Analogous

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



2C4EDC



A700AA



CD0067

Triad

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



A700AA



785A00



00799D

Complementary

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



A700AA



03AA00

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



A700AA



306C00

Square

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



A700AA



AB3500



007400



0076D5

Rectangle

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



A700AA



CF003A



007400



007886

Sweetspot

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



A700AA



DD9BDE



0006AA



6F4870



F0F0F0



707070

Same Dimension

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



A700AA



DA00DE



AA005B



544C54



910094



140014

Inverse Universe

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



AA0003



DE0004



00AA4F



544C4C



940003



140000

Previews

White Background



This preview shows how the Hex color A700AA looks on a white background.

Color Contrast Check

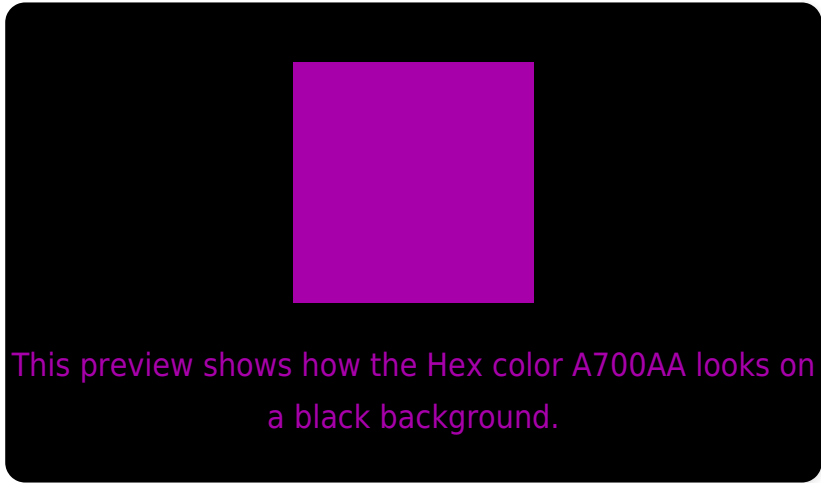
Large Text (above 18pt) WCAG AA ✓ Pass

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 A700AA Background



This preview shows how black text looks on a background with the Hex color A700AA.

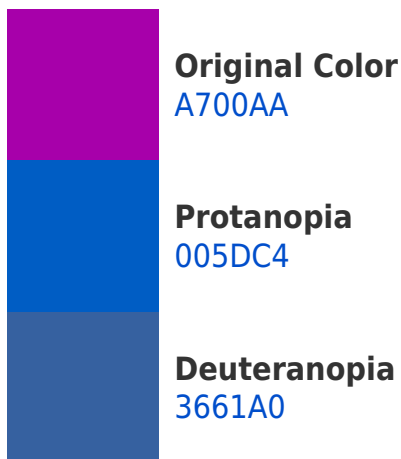


This preview shows how white text looks on a background with the Hex color A700AA.

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](#).

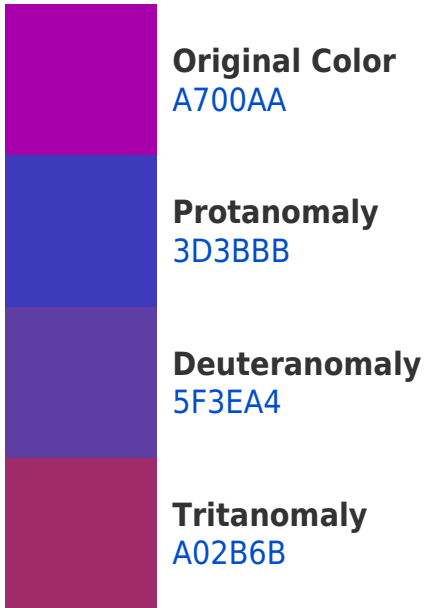
Dichromacy



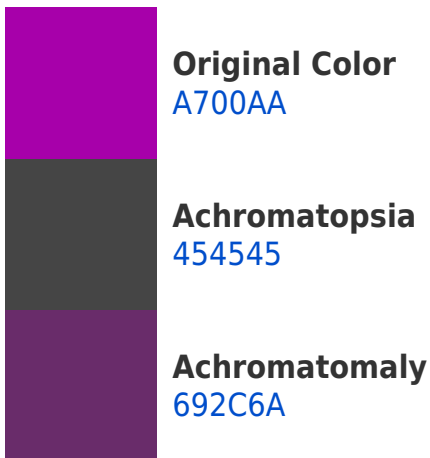


Tritanopia
9C4347

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A700AA 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 #A700AA looks like.

```
.text, #text, p{  
    color:#A700AA  
}
```

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 #A700AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A700AA
}
```

Border

The CSS property to change the border of an element to Hex A700AA 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
#A700AA }
```

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

```
.border{ border-color:#A700AA }
```

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

Here you see how a box with a 4 pixel #A700AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A700AA; -webkit-box-shadow:4px 4px  
4px 4px #A700AA; box-shadow:4px 4px 4px  
4px #A700AA }
```

Background

The CSS property to change the background color of an element to Hex A700AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A700AA }
```

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

```
.background{ background-color:#A700AA }
```

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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