

Converting Colors

Hex(A700D4)

Have a look what the booklet for
Hex(A700D4) contains.

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Color

Hex(A700D4)

Conversions

Conversions Part 1

Format	Color
Hex	A700D4
RGB	167, 0, 212
RGB Percent	65%, 0%, 83%
CMY	0.3451, 1.0000, 0.1686
CMYK	0.21, 1.00, 0.00, 0.17
HSL	287°, 100%, 42%
HSV	287°, 100%, 83%
XYZ	27.8200, 12.9690, 63.3243
YIQ	74.1010, 31.4800, 101.3360

Conversions

Conversions Part 2

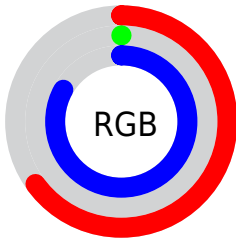
Format	Color
RYB	167, 0, 212
Decimal	10944724
CIELab	42.72, 78.89, -65.71
CIELCh	43, 102.670, 320.209
Yxy	12.9690, 0.2672, 0.1246
Android (android.graphics.Color)	4289134804 (0xFFA700D4)
YUV	74.1010, 67.9842, 81.4724
Hunter-Lab	36.0124, 74.8715, -79.0469

Details

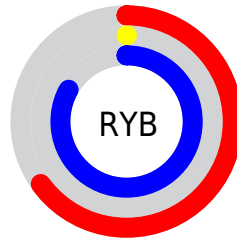
The Hex color **A700D4** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **2DD400**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **E356FF**, and **6C009C** is the 20% darker color. If you saturate the color by 10%, you get **A700D4**, and if you desaturate by 10%, it is **AC15D4**.

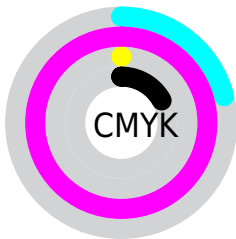
Distribution



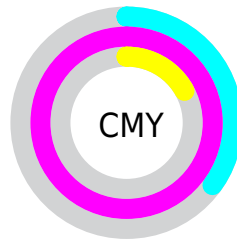
- Red (65%)
- Green (0%)
- Blue (83%)



- Red (65%)
- Yellow (0%)
- Blue (83%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (35%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color A700D4 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 A700D4 by changing the saturation by 10% instead.

 A700D4

 A700D4

FFFFFF

 8A00B8

 E356FF

 6C009C

 FF74FF

 4F0081

 FF91FF

 320067

 FFAFFF

 0B004E

 FFC0FF

 000136

 FFEAFF

 000220

 000003

 000000

 A700D4

 AC15D4

 B02AD4

 B540D4

 B955D4

 BE6AD4

 C27FD4

 C794D4

 CBAAD4

 D0BFD4

Harmonies

Analogous

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



005DFF



A700D4



E50085

Triad

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



A700D4



925800



00849E

Complementary

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



A700D4



2DD400

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.



008145



A700D4



427200

Square

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



A700D4



CB0E00



007D00



0083E9

Rectangle

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



A700D4



EE004D



007D00



008381

Sweetspot

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



A700D4



EFB3FF



002ED4



765280



000000



808080

Same Dimension

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



A700D4



C900FF



D40098



69606B



8700AB



22002B

Inverse Universe

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



D4002D



FF0036



00D43C



6B6063



AB0024



2B0009

Previews

White Background



This preview shows how the Hex color A700D4 looks on a white background.

Color Contrast Check

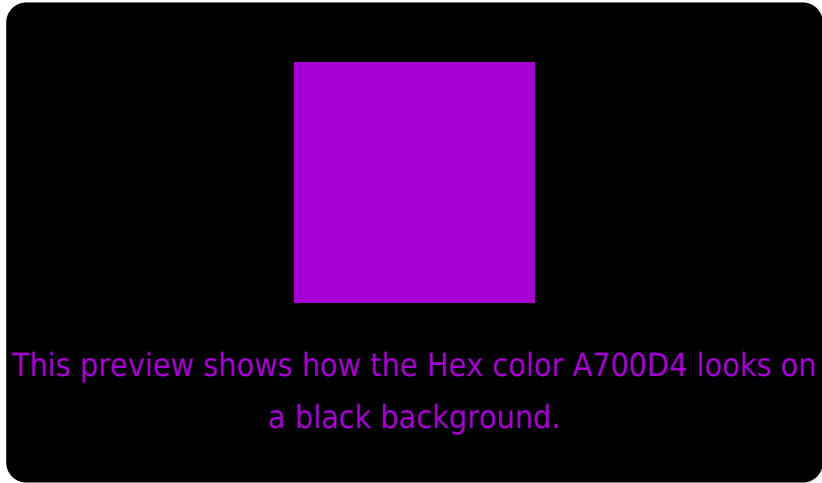
Large Text (above 18pt) WCAG AA ✓ Pass

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

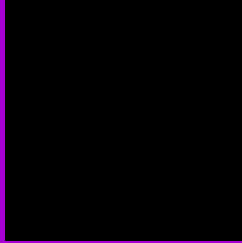
Any Text WCAG AA × Fail

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 A700D4 Background



This preview shows how black text looks on a background with the Hex color A700D4.



This preview shows how white text looks on a background with the Hex color A700D4.

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



Original Color
A700D4

Protanopia
0063D1

Deuteranopia
0069B7



Tritanopia
955359

Trichromacy



Original Color

A700D4



Protanomaly

3D3FD2



Deuteranomaly

3D43C2



Tritanomaly

9C3586

Monochromacy



Original Color

A700D4



Achromatopsia

4A4A4A



Achromatomaly

6C2F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex A700D4 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 #A700D4 looks like.

```
.text, #text, p{  
    color:#A700D4  
}
```

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 #A700D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A700D4
}
```

Border

The CSS property to change the border of an element to Hex A700D4 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".

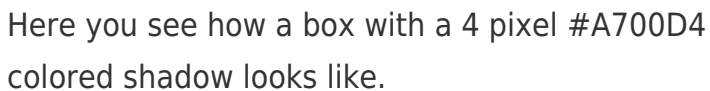
```
.border, #border, table{ border:4px solid
#A700D4 }
```

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

```
.border{ border-color:#A700D4 }
```

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

Here you see how a box with a 4 pixel #A700D4 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #A700D4 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A700D4; -webkit-box-shadow:4px 4px  
4px 4px #A700D4; box-shadow:4px 4px 4px  
4px #A700D4 }
```

Background

The CSS property to change the background color of an element to Hex A700D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A700D4 }
```

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

```
.background{ background-color:#A700D4 }
```

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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