

Converting Colors

Hex(A721AA)

Have a look what the booklet for
Hex(A721AA) contains.

Hex(A721AA)	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(A721AA)

Conversions

Conversions Part 1

Format	Color
Hex	A721AA
RGB	167, 33, 170
RGB Percent	65%, 13%, 67%
CMY	0.3451, 0.8706, 0.3333
CMYK	0.02, 0.81, 0.00, 0.33
HSL	299°, 67%, 40%
HSV	299°, 81%, 67%
XYZ	23.7359, 12.2055, 39.1351
YIQ	88.6840, 35.8870, 71.0150

Conversions

Conversions Part 2

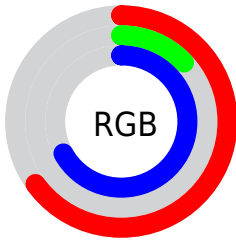
Format	Color
RYB	167, 33, 170
Decimal	10953130
CIELab	41.54, 66.85, -42.99
CIELCh	42, 79.477, 327.253
Yxy	12.2055, 0.3162, 0.1626
Android (android.graphics.Color)	4289143210 (0xFFA721AA)
YUV	88.6840, 40.0888, 68.6831
Hunter-Lab	34.9363, 60.1351, -41.9602

Details

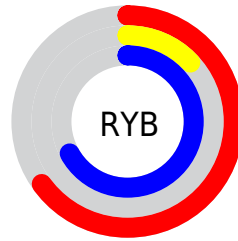
The Hex color **A721AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **24AA21**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **E160E2**, and **6F0075** is the 20% darker color. If you saturate the color by 10%, you get **A710AA**, and if you desaturate by 10%, it is **A732AA**.

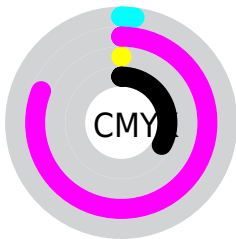
Distribution



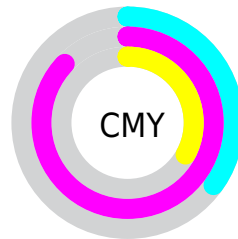
- Red (65%)
- Green (13%)
- Blue (67%)



- Red (65%)
- Yellow (13%)
- Blue (67%)



- Cyan (2%)
- Magenta (81%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (87%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color A721AA 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 A721AA by changing the saturation by 10% instead.

 A721AA

 A721AA

FFFFFF

 8B008F

 E160E2

 6F0075

 FF7CFF

 53005C


 FF98FF

 3A0044

 FFB5FF

 1D002C

 FFD2FF

 000116

 FFF0FF

 000000

 A721AA

 A721AA

 A710AA

 A732AA

 A600AA

 A843AA

 A854AA

 A865AA

 A976AA

 A987AA

 AA98AA

 AAA9AA

 AABAAA

Harmonies

Analogous

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



3D53D8



A721AA



CC006B

Triad

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



A721AA



7D5E00



007C9D

Complementary

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



A721AA



24AA21

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.



007B5A



A721AA



3C6F00

Square

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



A721AA



AD3E00



00770A



0079D1

Rectangle

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



A721AA



CE0040



00770A



007C87

Sweetspot

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



A721AA



DDA9DE



2126AA



6F5070



F0F0F0



707070

Same Dimension

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



A721AA



D907DE



AA216A



544C54



910094



140014

Inverse Universe

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



AA2124



DE070B



21AA61



544C4C



940003



140000

Previews

White Background



This preview shows how the Hex color A721AA looks on a white background.

Color Contrast Check

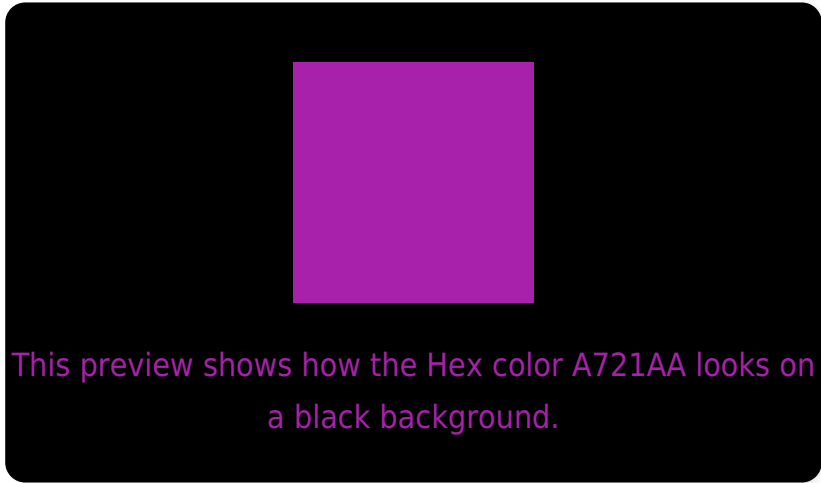
Large Text (above 18pt) WCAG AA ✓ Pass

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

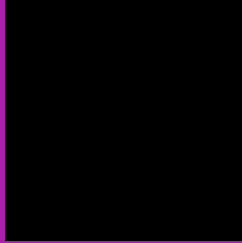
Any Text WCAG AA × Fail

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 A721AA Background



This preview shows how black text looks on a background with the Hex color A721AA.

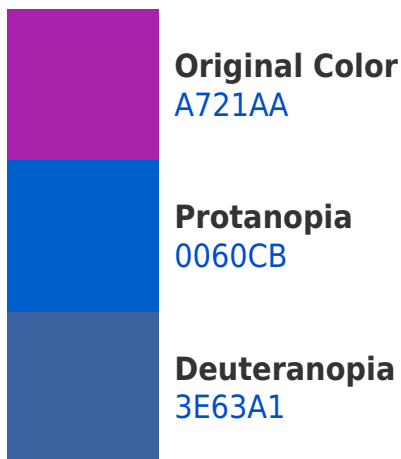



This preview shows how white text looks on a background with the Hex color A721AA.

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
9C484D

Trichromacy



Original Color

A721AA



Protanomaly

3D49BF



Deuteranomaly

644BA4



Tritanomaly

A03A6F

Monochromacy



Original Color

A721AA



Achromatopsia

595959



Achromatomaly

754576

CSS Examples

Text

The CSS property to change the color of the text to Hex A721AA 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 #A721AA looks like.

```
.text, #text, p{  
    color:#A721AA  
}
```

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 #A721AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A721AA
}
```

Border

The CSS property to change the border of an element to Hex A721AA 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
#A721AA }
```

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

```
.border{ border-color:#A721AA }
```

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

Here you see how a box with a 4 pixel #A721AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A721AA; -webkit-box-shadow:4px 4px  
4px 4px #A721AA; box-shadow:4px 4px 4px  
4px #A721AA }
```

Background

The CSS property to change the background color of an element to Hex A721AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A721AA }
```

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

```
.background{ background-color:#A721AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor