

Converting Colors

Hex(AA7DD2)

Have a look what the booklet for
Hex(AA7DD2) contains.

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Color

Hex(AA7DD2)

Conversions

Conversions Part 1

Format	Color
Hex	AA7DD2
RGB	170, 125, 210
RGB Percent	67%, 49%, 82%
CMY	0.3333, 0.5098, 0.1765
CMYK	0.19, 0.40, 0.00, 0.18
HSL	272°, 49%, 66%
HSV	272°, 40%, 82%
XYZ	35.5440, 27.8664, 64.4781
YIQ	148.1450, -0.4650, 35.9750

Conversions

Conversions Part 2

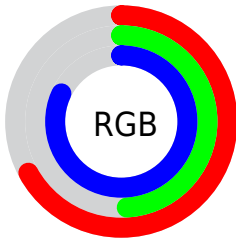
Format	Color
RYB	170, 125, 210
Decimal	11173330
CIELab	59.77, 33.64, -37.32
CIElCh	60, 50.243, 312.038
Yxy	27.8664, 0.2779, 0.2179
Android (android.graphics.Color)	4289363410 (0xFFAA7DD2)
YUV	148.1450, 30.4945, 19.1668
Hunter-Lab	52.7887, 27.8088, -35.4671

Details

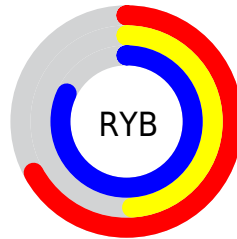
The Hex color **AA7DD2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A5D27D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E3B2FF**, and **744B9B** is the 20% darker color. If you saturate the color by 10%, you get **A068D2**, and if you desaturate by 10%, it is **B492D2**.

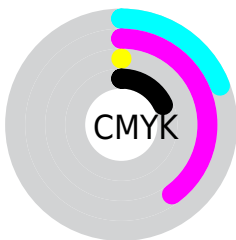
Distribution



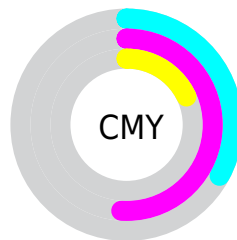
- Red (67%)
- Green (49%)
- Blue (82%)



- Red (67%)
- Yellow (49%)
- Blue (82%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (18%)



- Cyan (33%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA7DD2 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 AA7DD2 by changing the saturation by 10% instead.

■ AA7DD2

■ AA7DD2

FFFFFF

■ 8F64B6

■ E3B2FF

■ 744B9B

■ FFCEFF

■ 5A3381

■ FFEAFF

■ 411C67

■ 28044F

■ 150038

■ 000221

■ 000006

■ 000000

■ AA7DD2

■ AA7DD2

■ A068D2

■ B492D2

■ 9653D2

■ BEA7D2

■ 8C3ED2

■ C8BCD2

■ 8229D2

■ D2D1D2

■ 7914D2

■ DBE6D2

■ 6F00D2

■ E5FBD2

■ EFFF D2

■ F9FF D2

■ FFFF D2

Harmonies

Analogous

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



628FE7



AA7DD2



D36DAC

Triad

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



AA7DD2



BF843A



00A6A1

Complementary

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



AA7DD2



A5D27D

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.



07A473



AA7DD2



989334

Square

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



AA7DD2



D97357



679E4B



00A4CA

Rectangle

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



AA7DD2



E0698F



679E4B



00A692

Sweetspot

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



AA7DD2



F1E0FF



7DA6D2



776E80



000000



808080

Same Dimension

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



AA7DD2



C482FF



D27DD1



645E69



5900A8



160029

Inverse Universe

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



D27DA5



FF82BD



7DD27E



695E63



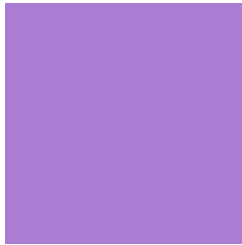
A8004F



290013

Previews

White Background



This preview shows how the Hex color AA7DD2 looks on a white background.

Color Contrast Check

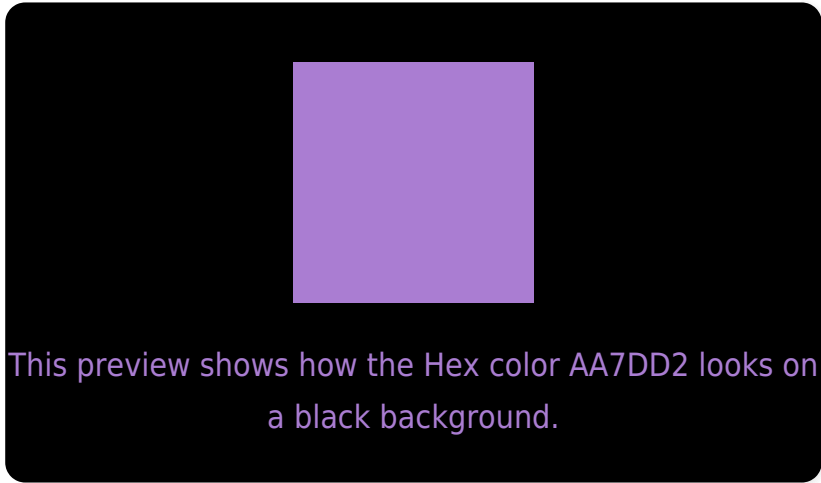
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex AA7DD2 Background



This preview shows how black text looks on a background with the Hex color AA7DD2.

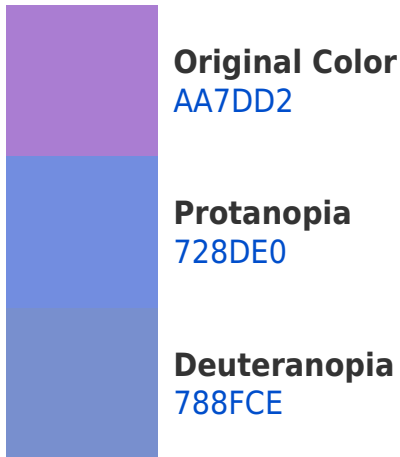


This preview shows how white text looks on a background with the Hex color AA7DD2.

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](#).

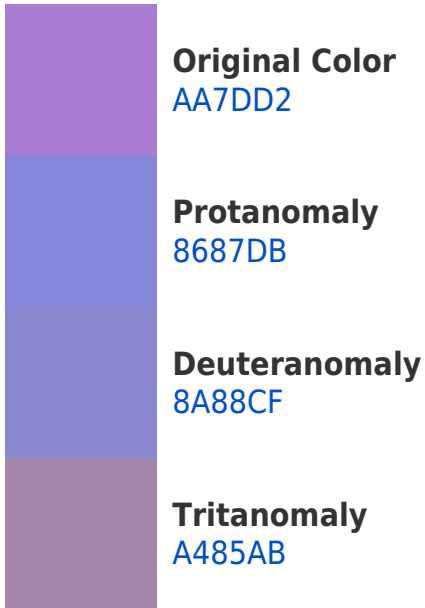
Dichromacy



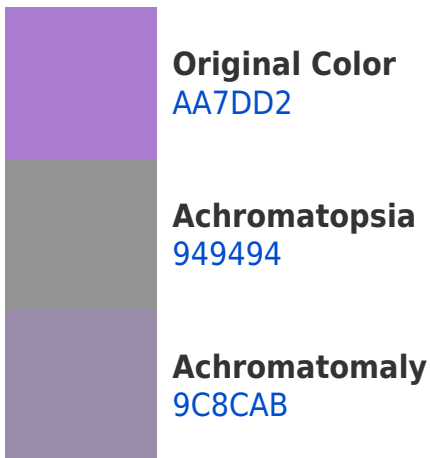


Tritanopia
A08A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA7DD2 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 #AA7DD2 looks like.

```
.text, #text, p{  
    color:#AA7DD2  
}
```

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 #AA7DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7DD2
}
```

Border

The CSS property to change the border of an element to Hex AA7DD2 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
#AA7DD2 }
```

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

```
.border{ border-color:#AA7DD2 }
```

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

Here you see how a box with a 4 pixel #AA7DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7DD2; -webkit-box-shadow:4px 4px  
4px 4px #AA7DD2; box-shadow:4px 4px 4px  
4px #AA7DD2 }
```

Background

The CSS property to change the background color of an element to Hex AA7DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7DD2 }
```

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

```
.background{ background-color:#AA7DD2 }
```

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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