

Converting Colors

Hex(AD00A2)

Have a look what the booklet for
Hex(AD00A2) contains.

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Color

Hex(AD00A2)

Conversions

Conversions Part 1

Format	Color
Hex	AD00A2
RGB	173, 0, 162
RGB Percent	68%, 0%, 64%
CMY	0.3216, 1.0000, 0.3647
CMYK	0.00, 1.00, 0.06, 0.32
HSL	304°, 100%, 34%
HSV	304°, 100%, 68%
XYZ	23.7552, 11.4929, 35.1487
YIQ	70.1950, 51.1060, 87.0580

Conversions

Conversions Part 2

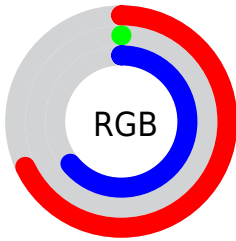
Format	Color
RYB	173, 0, 162
Decimal	11337890
CIELab	40.40, 71.85, -39.96
CIELCh	40, 82.218, 330.921
Yxy	11.4929, 0.3374, 0.1633
Android (android.graphics.Color)	4289527970 (0xFFAD00A2)
YUV	70.1950, 45.2599, 90.1600
Hunter-Lab	33.9011, 65.7513, -37.7411

Details

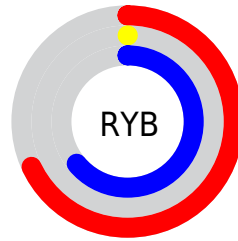
The Hex color **AD00A2** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00AD0B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **E854D9**, and **74006E** is the 20% darker color. If you saturate the color by 10%, you get **AD00A2**, and if you desaturate by 10%, it is **AD11A3**.

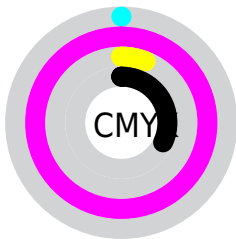
Distribution



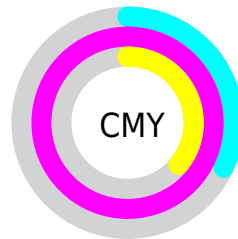
- Red (68%)
- Green (0%)
- Blue (64%)



- Red (68%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color AD00A2 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 AD00A2 by changing the saturation by 10% instead.

 AD00A2

 AD00A2

FFFFFF

 900087

 E854D9

 74006E

 FF72F6

 580055

 FF8FFF

 3F003D

 FFACFF

 210026

 FFC9FF

 00010E

 FFE7FF

 000000

 AD00A2

 AD11A3

 AD23A4

 AD34A5

 AD45A6

 AD57A8

 AD68A9

 AD79AA

 AD8AAB

 AD9CAC

Harmonies

Analogous

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



4E4BD5



AD00A2



CD0060

Triad

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



AD00A2



735E00



007AA4

Complementary

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



AD00A2



00AD0B

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.



007960



AD00A2



2A6E00

Square

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



AD00A2



A63E00



007611



0076D6

Rectangle

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



AD00A2



CD0035



007611



007A8E

Sweetspot

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



AD00A2



E09DDC



0900AD



70486E



F0F0F0



707070

Same Dimension

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



AD00A2



E000D2



AD004E



574E56



96008D



170015

Inverse Universe

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



AD00A2



E000D2



00AD5F



574E56



96008D



170015

Previews

White Background



This preview shows how the Hex color AD00A2 looks on a white background.

Color Contrast Check

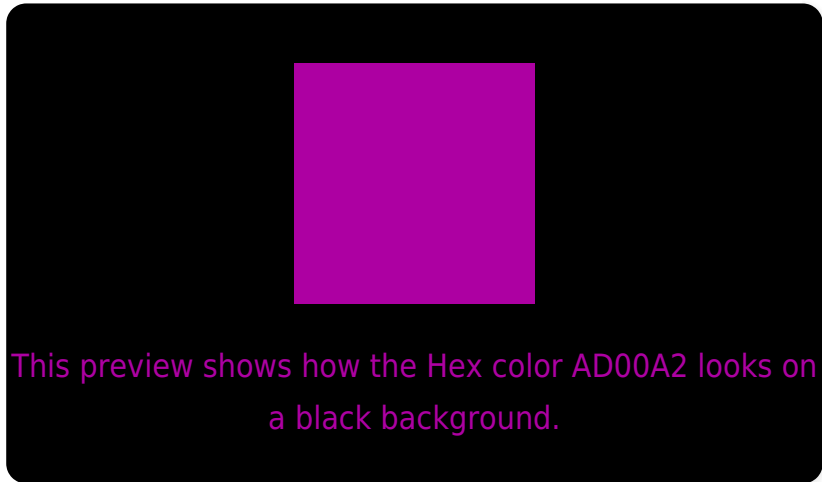
Large Text (above 18pt) WCAG AA ✓ Pass

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

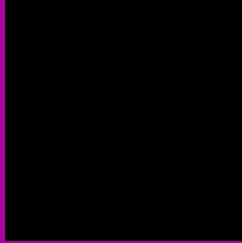
Any Text WCAG AA × Fail

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 AD00A2 Background



This preview shows how black text looks on a background with the Hex color AD00A2.

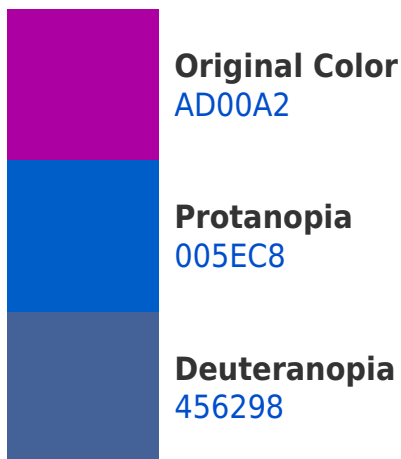


This preview shows how white text looks on a background with the Hex color AD00A2.

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
A44044

Trichromacy



Original Color
AD00A2



Protanomaly
3F3CBA



Deuteranomaly
6B3E9C

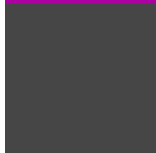


Tritanomaly
A72966

Monochromacy



Original Color
AD00A2



Achromatopsia
464646



Achromatomaly
6B2D67

CSS Examples

Text

The CSS property to change the color of the text to Hex AD00A2 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 #AD00A2 looks like.

```
.text, #text, p{  
    color:#AD00A2  
}
```

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 #AD00A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD00A2
}
```

Border

The CSS property to change the border of an element to Hex AD00A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

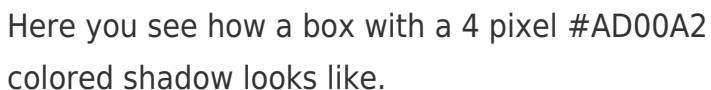
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AD00A2 }
```

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

```
.border{ border-color:#AD00A2 }
```

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



Here you see how a box with a 4 pixel `#AD00A2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD00A2; -webkit-box-shadow:4px 4px  
4px 4px #AD00A2; box-shadow:4px 4px 4px  
4px #AD00A2 }
```

Background

The CSS property to change the background color of an element to Hex AD00A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD00A2 }
```

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

```
.background{ background-color:#AD00A2 }
```

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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