

Converting Colors

Hex(AA8AD7)

Have a look what the booklet for
Hex(AA8AD7) contains.

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Color

Hex(AA8AD7)

Conversions

Conversions Part 1

Format	Color
Hex	AA8AD7
RGB	170, 138, 215
RGB Percent	67%, 54%, 84%
CMY	0.3333, 0.4588, 0.1569
CMYK	0.21, 0.36, 0.00, 0.16
HSL	265°, 49%, 69%
HSV	265°, 36%, 84%
XYZ	37.9318, 31.6293, 68.3958
YIQ	156.3460, -5.6450, 30.7310

Conversions

Conversions Part 2

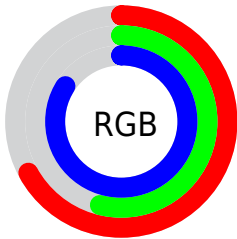
Format	Color
RYB	170, 138, 215
Decimal	11176663
CIELab	63.04, 27.45, -35.02
CIELCh	63, 44.496, 308.095
Yxy	31.6293, 0.2750, 0.2293
Android (android.graphics.Color)	4289366743 (0xFFAA8AD7)
YUV	156.3460, 28.9164, 11.9746
Hunter-Lab	56.2399, 21.9719, -32.7372

Details

The Hex color **AA8AD7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B7D78A**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E2C0FF**, and **7458A0** is the 20% darker color. If you saturate the color by 10%, you get **9D75D7**, and if you desaturate by 10%, it is **B7A0D7**.

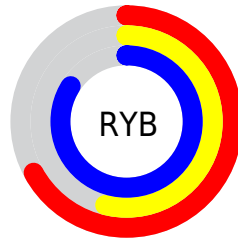
Distribution



Red (67%)

Green (54%)

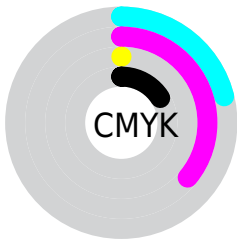
Blue (84%)



Red (67%)

Yellow (54%)

Blue (84%)

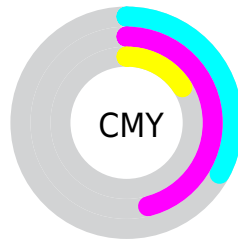


Cyan (21%)

Magenta (36%)

Yellow (0%)

Black (16%)



Cyan (33%)

Magenta (46%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA8AD7 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 AA8AD7 by changing the saturation by 10% instead.

■ AA8AD7

■ AA8AD7

FFFFFF

■ 8F70BB

■ E2C0FF

■ 7458A0

■ FFDCFF

■ 5B4085

■ FFF8FF

■ 41296C

■ 281353

■ 12003C

■ 000225

■ 00010E

■ 000000

AA8AD7

AA8AD7

9D75D7

B7A0D7

915FD7

C3B5D7

8449D7

D0CBD7

7834D7

DCE0D7

6B1ED7

E9F5D7

5F09D7

F5FFD7

5900D7

FFFFD7

Harmonies

Analogous

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



6A99E7



AA8AD7



D27CB7

Triad

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



AA8AD7



C88C4F



00ADA2

Complementary

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



AA8AD7



B7D78A

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.



45AB7A



AA8AD7



A69A48

Square

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



AA8AD7



DE7E6A



7CA458



00ABC8

Rectangle

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



AA8AD7



E0789D



7CA458



00AD95

Sweetspot

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



AA8AD7



EFE3FF



8AB8D7



766F80



000000



808080

Same Dimension

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



AA8AD7



BF91FF



CF8AD7



65606B



4700AB



12002B

Inverse Universe

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



D78AB7



FF91D1



92D78A



6B6067



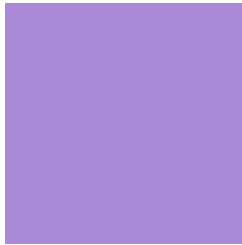
AB0064



2B0019

Previews

White Background



This preview shows how the Hex color AA8AD7 looks on a white background.

Color Contrast Check

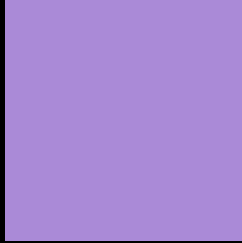
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color AA8AD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

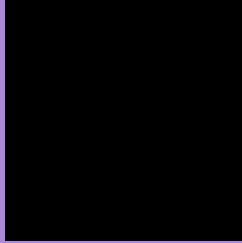
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex AA8AD7 Background



This preview shows how black text looks on a background with the Hex color AA8AD7.

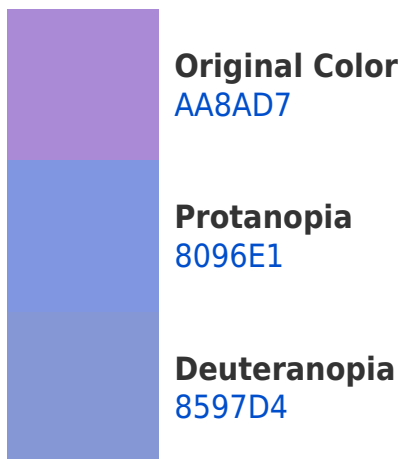


This preview shows how white text looks on a background with the Hex color AA8AD7.

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
A195A1

Trichromacy



Original Color
AA8AD7

Protanomaly
8F92DD

Deuteranomaly
9292D5

Tritanomaly
A491B5

Monochromacy



Original Color
AA8AD7

Achromatopsia
9C9C9C

Achromatomaly
A195B1

CSS Examples

Text

The CSS property to change the color of the text to Hex AA8AD7 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 #AA8AD7 looks like.

```
.text, #text, p{  
    color:#AA8AD7  
}
```

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 #AA8AD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8AD7
}
```

Border

The CSS property to change the border of an element to Hex AA8AD7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

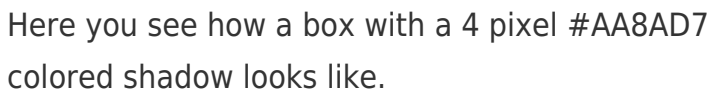
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA8AD7 }
```

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

```
.border{ border-color:#AA8AD7 }
```

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



Here you see how a box with a 4 pixel #AA8AD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8AD7; -webkit-box-shadow:4px 4px  
4px 4px #AA8AD7; box-shadow:4px 4px 4px  
4px #AA8AD7 }
```

Background

The CSS property to change the background color of an element to Hex AA8AD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8AD7 }
```

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

```
.background{ background-color:#AA8AD7 }
```

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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