

Converting Colors

Hex(AC7ADD)

Have a look what the booklet for
Hex(AC7ADD) contains.

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Color

Hex(AC7ADD)

Conversions

Conversions Part 1

Format	Color
Hex	AC7ADD
RGB	172, 122, 221
RGB Percent	67%, 48%, 87%
CMY	0.3255, 0.5216, 0.1333
CMYK	0.22, 0.45, 0.00, 0.13
HSL	270°, 59%, 67%
HSV	270°, 45%, 87%
XYZ	37.0239, 27.9102, 71.8424
YIQ	148.2360, -1.9790, 41.3890

Conversions

Conversions Part 2

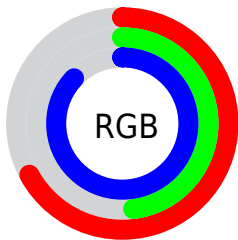
Format	Color
RYB	172, 122, 221
Decimal	11303645
CIELab	59.81, 38.40, -43.41
CIELCh	60, 57.962, 311.497
Yxy	27.9102, 0.2707, 0.2041
Android (android.graphics.Color)	4289493725 (0xFFAC7ADD)
YUV	148.2360, 35.8727, 20.8410
Hunter-Lab	52.8301, 32.6422, -43.6461

Details

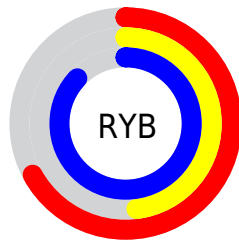
The Hex color **AC7ADD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ABDD7A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E5AFFE**, and **7548A5** is the 20% darker color. If you saturate the color by 10%, you get **A164DD**, and if you desaturate by 10%, it is **B790DD**.

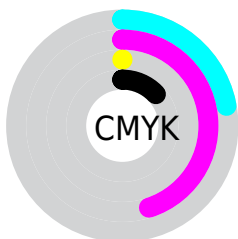
Distribution



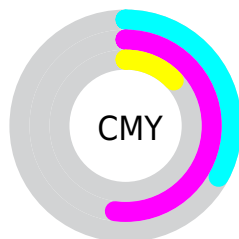
- Red (67%)
- Green (48%)
- Blue (87%)



- Red (67%)
- Yellow (48%)
- Blue (87%)



- Cyan (22%)
- Magenta (45%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (52%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC7ADD 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 AC7ADD by changing the saturation by 10% instead.

 AC7ADD

 AC7ADD

FFFFFF

 9060C1

 E5AFFF

 7548A5

 FFCBFF

 5B308B

 FFE8FF

 411871

 260058

 120040

 000329

 000113

 000000

■ AC7ADD

■ AC7ADD

■ A164DD

■ B790DD

■ 964EDD

■ C2A6DD

■ 8B38DD

■ CDBCDD

■ 8022DD

■ D8D2DD

■ 750CDD

■ E3E9DD

■ 7000DD

■ EEFFDD

■ F9FFDD

■ FFFFDD

Harmonies

Analogous

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



4F8FF4



AC7ADD



DC66B2

Triad

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



AC7ADD



C4822A



00A9A3

Complementary

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



AC7ADD



ABDD7A

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.



00A66E



AC7ADD



989420

Square

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



AC7ADD



E36D4F



60A03E



00A6D3

Rectangle

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



AC7ADD



EB6090



60A03E



00A891

Sweetspot

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



AC7ADD



EFDEFF



7AACDD



756B80



000000



808080

Same Dimension

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



AC7ADD



BB75FF



DD7ADD



68636E



5800AD



17002E

Inverse Universe

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



DD7AAB



FF75B9



7ADD7A



6E6368



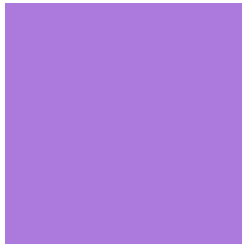
AD0056



2E0017

Previews

White Background



This preview shows how the Hex color AC7ADD looks on a white background.

Color Contrast Check

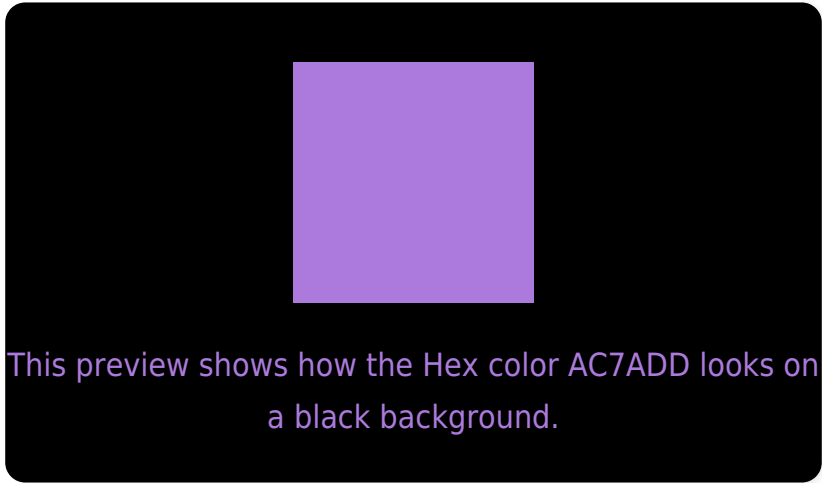
Large Text (above 18pt) WCAG AA ✓ Pass

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

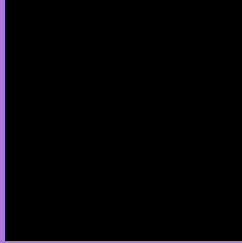
Any Text WCAG AA ✓ Pass

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 AC7ADD Background



This preview shows how black text looks on a background with the Hex color AC7ADD.

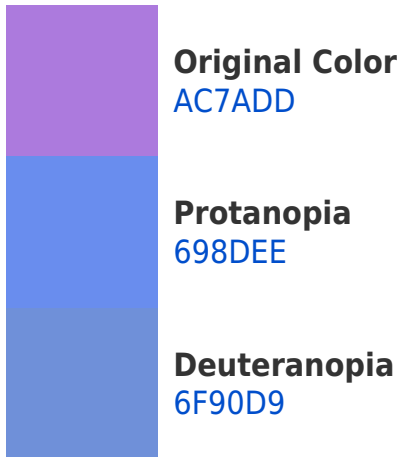



This preview shows how white text looks on a background with the Hex color AC7ADD.

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



Original Color
AC7ADD



Protanomaly
8186E8



Deuteranomaly
8588DA



Tritanomaly
A484AF

Monochromacy



Original Color
AC7ADD



Achromatopsia
949494



Achromatomaly
9D8BAF

CSS Examples

Text

The CSS property to change the color of the text to Hex AC7ADD 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 #AC7ADD looks like.

```
.text, #text, p{  
    color:#AC7ADD  
}
```

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 #AC7ADD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7ADD
}
```

Border

The CSS property to change the border of an element to Hex AC7ADD 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
#AC7ADD }
```

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

```
.border{ border-color:#AC7ADD }
```

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

Here you see how a box with a 4 pixel #AC7ADD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7ADD; -webkit-box-shadow:4px 4px  
4px 4px #AC7ADD; box-shadow:4px 4px 4px  
4px #AC7ADD }
```

Background

The CSS property to change the background color of an element to Hex AC7ADD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7ADD }
```

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

```
.background{ background-color:#AC7ADD }
```

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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