

Converting Colors

Hex(AC76A9)

Have a look what the booklet for
Hex(AC76A9) contains.

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Color

Hex(AC76A9)

Conversions

Conversions Part 1

Format	Color
Hex	AC76A9
RGB	172, 118, 169
RGB Percent	67%, 46%, 66%
CMY	0.3255, 0.5373, 0.3373
CMYK	0.00, 0.31, 0.02, 0.33
HSL	303°, 25%, 57%
HSV	303°, 31%, 67%
XYZ	30.6531, 24.5921, 40.6673
YIQ	139.9600, 15.8130, 27.3090

Conversions

Conversions Part 2

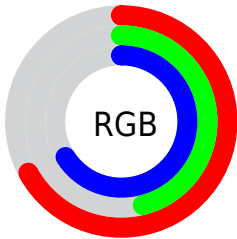
Format	Color
RYB	172, 118, 169
Decimal	11302569
CIELab	56.68, 29.63, -18.73
CIELCh	57, 35.051, 327.701
Yxy	24.5921, 0.3196, 0.2564
Android (android.graphics.Color)	4289492649 (0xFFAC76A9)
YUV	139.9600, 14.3167, 28.0991
Hunter-Lab	49.5904, 23.5522, -13.9082

Details

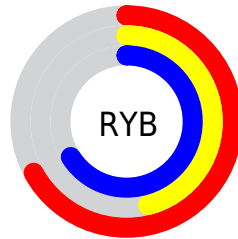
The Hex color **AC76A9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76AC79**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E4ABE0**, and **774475** is the 20% darker color. If you saturate the color by 10%, you get **AC65A8**, and if you desaturate by 10%, it is **AC87AA**.

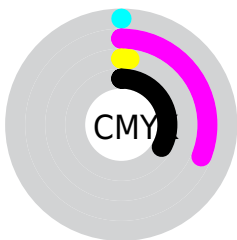
Distribution



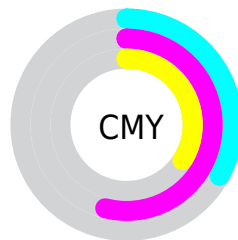
- Red (67%)
- Green (46%)
- Blue (66%)



- Red (67%)
- Yellow (46%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (33%)



- Cyan (33%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC76A9 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 AC76A9 by changing the saturation by 10% instead.

AC76A9

AC76A9

FFFFFF

915D8E

E4ABE0

774475

FFC6FD

5D2D5C

FFE3FF

451644

2D002E

150019

000000

AC76A9

AC76A9

AC65A8

AC87AA

■ AC54A7

■ AC98AB

■ AC42A6

■ ACAAAC

■ AC31A5

■ ACBBAD

■ AC20A4

■ ACCCAE

■ AC0FA3

■ ACDDAF

■ AC00A2

■ ACEEB0

■ ACFFB1

■ ACFFB2

Harmonies

Analogous

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



8881BE



AC76A9



C0708C

Triad

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



AC76A9



9E854A



0097A3

Complementary

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



AC76A9



76AC79

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.



2B9884



AC76A9



7E8F51

Square

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



AC76A9



B57B55



5A9566



0094BB

Rectangle

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



AC76A9



C37077



5A9566



009899

Sweetspot

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



AC76A9



E0CCDF



7976AC



706470



F0F0F0



707070

Same Dimension

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



AC76A9



E08BDC



AC768E



574E56



96008E



170016

Inverse Universe

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



AC76A9



E08BDC



76AC94



574E56



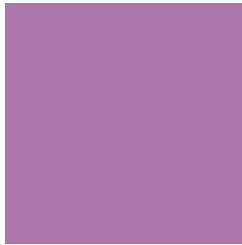
96008E



170016

Previews

White Background



This preview shows how the Hex color AC76A9 looks on a white background.

Color Contrast Check

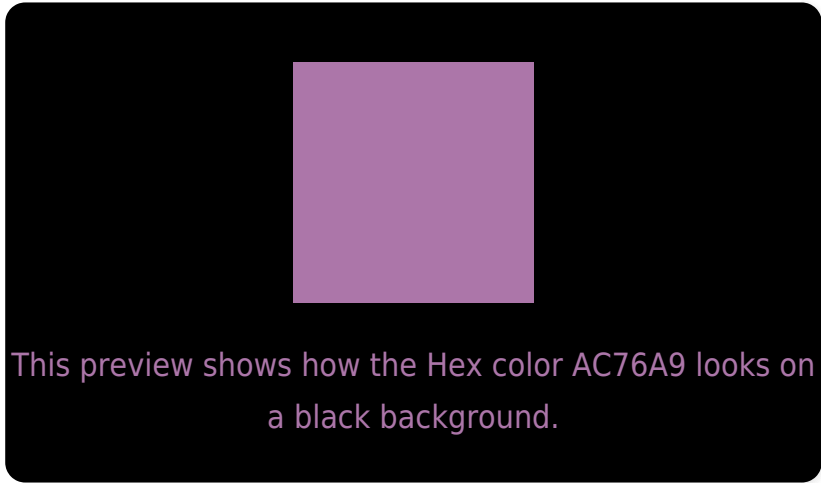
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC76A9 Background



This preview shows how black text looks on a background with the Hex color AC76A9.

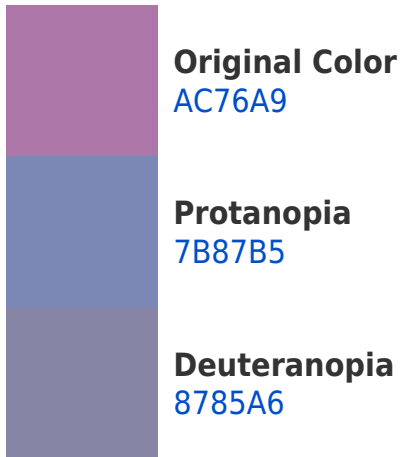



This preview shows how white text looks on a background with the Hex color AC76A9.

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](#).

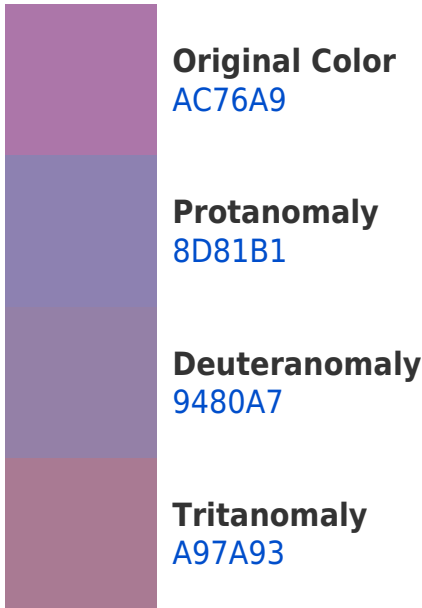
Dichromacy



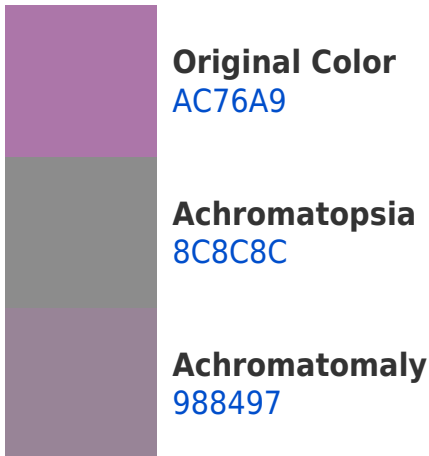


Tritanopia
A77D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC76A9 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 #AC76A9 looks like.

```
.text, #text, p{  
    color:#AC76A9  
}
```

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 #AC76A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC76A9
}
```

Border

The CSS property to change the border of an element to Hex AC76A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

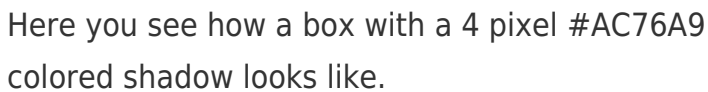
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC76A9 }
```

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

```
.border{ border-color:#AC76A9 }
```

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



Here you see how a box with a 4 pixel `#AC76A9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC76A9; -webkit-box-shadow:4px 4px  
4px 4px #AC76A9; box-shadow:4px 4px 4px  
4px #AC76A9 }
```

Background

The CSS property to change the background color of an element to Hex AC76A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC76A9 }
```

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

```
.background{ background-color:#AC76A9 }
```

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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