

# Converting Colors

Hex(AC7BB9)

Have a look what the booklet for  
Hex(AC7BB9) contains.

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# **Color**

**Hex(AC7BB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7BB9
RGB	172, 123, 185
RGB Percent	67%, 48%, 73%
CMY	0.3255, 0.5176, 0.2745
CMYK	0.07, 0.34, 0.00, 0.27
HSL	287°, 31%, 60%
HSV	287°, 34%, 73%
XYZ	32.8532, 26.4394, 49.2707
YIQ	144.7190, 9.3020, 29.6700

# Conversions

## Conversions Part 2

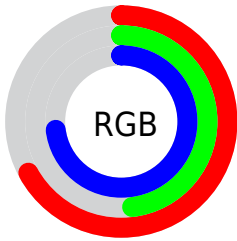
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	172, 123, 185
Decimal	11303865
CIE Lab	58.45, 29.99, -25.18
CIE LCh	58, 39.158, 319.978
Yxy	26.4394, 0.3026, 0.2435
Android (android.graphics.Color)	4289493945 (0xFFAC7BB9)
YUV	144.7190, 19.8585, 23.9254
Hunter-Lab	51.4192, 24.0650, -20.8192

# Details

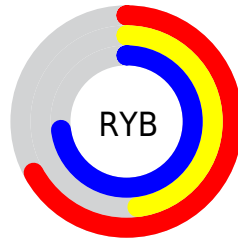
The Hex color **AC7BB9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **88B97B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E4B0F1**, and **774984** is the 20% darker color. If you saturate the color by 10%, you get **A869B9**, and if you desaturate by 10%, it is **B08EB9**.

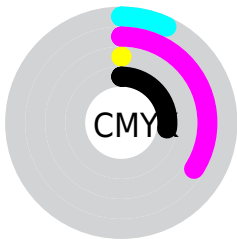
# Distribution



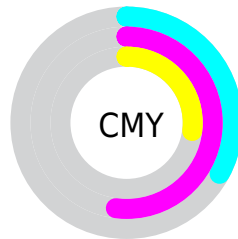
- Red (67%)
- Green (48%)
- Blue (73%)



- Red (67%)
- Yellow (48%)
- Blue (73%)



- Cyan (7%)
- Magenta (34%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (52%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7BB9 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 AC7BB9 by changing the saturation by 10% instead.



■ AC7BB9

■ AC7BB9

FFFFFF

■ 91629E

■ E4B0F1

■ 774984

■ FFCCFF

■ 5D326A

■ FFE8FF

■ 451B52

■ 2D033B

■ 190025

■ 00010D

■ 000000

■ AC7BB9

■ AC7BB9

 A869B9

 B08EB9

 A456B9

 B4A0B9

 A044B9

 B8B3B9

 9C31B9

 BCC5B9

 991EB9

 BFD8B9

 950CB9

 C3EAB9

 9200B9

 C7FDB9

 CBFFB9

 CFFFB9

# Harmonies

## Analogous

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



7E88CD



AC7BB9



C7729A

# Triad

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



AC7BB9



AC8748



009EA3

# Complementary

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



AC7BB9



88B97B

# 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.



2D9E7F



AC7BB9



8B924A

# Square

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



AC7BB9



C47A59



63995F



009BC0

# Rectangle

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



AC7BB9



CE7182



63995F



009E97



# Sweetspot

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



AC7BB9



EBD8F0



7B88B9



756978



F7F7F7



787878



# Same Dimension

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



AC7BB9



DC90F0



B97BA7



5A535C



7B009C



16001C



# Inverse Universe

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



B97B88



F090A4



7BB98D



5C5355



9C0021

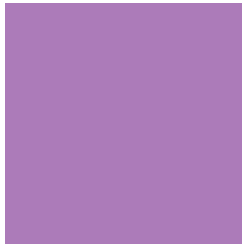


1C0006



# Previews

## White Background



This preview shows how the Hex color AC7BB9 looks on a white background.

## Color Contrast Check

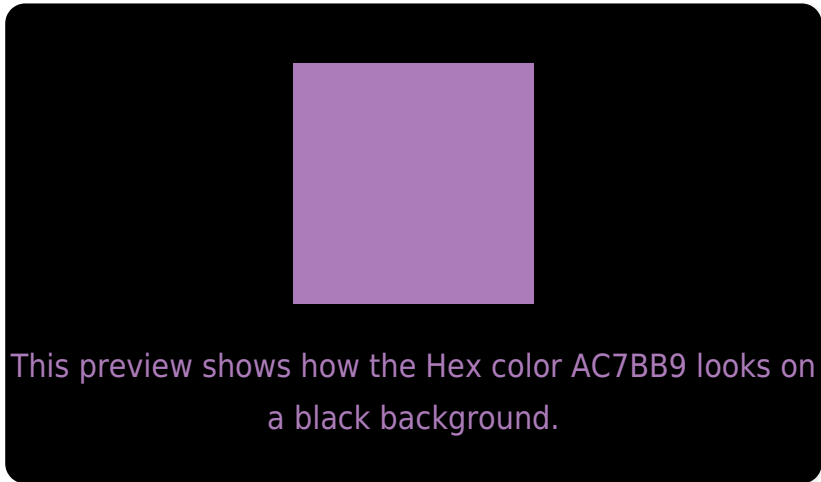
Large Text (above 18pt) WCAG AA ✓ Pass

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

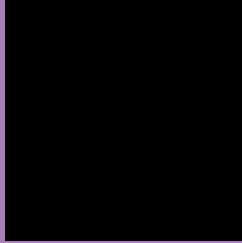
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC7BB9 Background



This preview shows how black text looks on a background with the Hex color AC7BB9.



This preview shows how white text looks on a background with the Hex color AC7BB9.

# 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**  
A6848E

# Trichromacy



**Original Color**  
AC7BB9

**Protanomaly**  
8D85C1

**Deuteranomaly**  
9385B7

**Tritanomaly**  
A8819E

# Monochromacy



**Original Color**  
AC7BB9

**Achromatopsia**  
919191

**Achromatomaly**  
9B89A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7BB9 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 #AC7BB9 looks like.

```
.text, #text, p{  
    color:#AC7BB9  
}
```

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 #AC7BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7BB9
}
```

## Border

The CSS property to change the border of an element to Hex AC7BB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

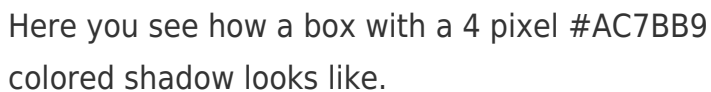
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC7BB9 }
```

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

```
.border{ border-color:#AC7BB9 }
```

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



Here you see how a box with a 4 pixel `#AC7BB9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7BB9; -webkit-box-shadow:4px 4px  
4px 4px #AC7BB9; box-shadow:4px 4px 4px  
4px #AC7BB9 }
```

# Background

The CSS property to change the background color of an element to Hex AC7BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7BB9 }
```

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

```
.background{ background-color:#AC7BB9 }
```

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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