

Converting Colors

Hex(AC87B7)

Have a look what the booklet for
Hex(AC87B7) contains.

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Color

Hex(AC87B7)

Conversions

Conversions Part 1

Format	Color
Hex	AC87B7
RGB	172, 135, 183
RGB Percent	67%, 53%, 72%
CMY	0.3255, 0.4706, 0.2824
CMYK	0.06, 0.26, 0.00, 0.28
HSL	286°, 25%, 62%
HSV	286°, 26%, 72%
XYZ	34.2245, 29.5175, 48.6934
YIQ	151.5350, 6.6440, 22.7720

Conversions

Conversions Part 2

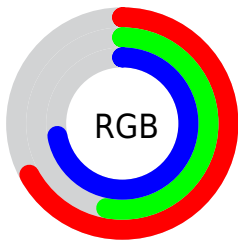
Format	Color
RYB	172, 135, 183
Decimal	11306935
CIELab	61.24, 22.80, -19.78
CIElCh	61, 30.186, 319.062
Yxy	29.5175, 0.3044, 0.2625
Android (android.graphics.Color)	4289497015 (0xFFAC87B7)
YUV	151.5350, 15.5122, 17.9478
Hunter-Lab	54.3300, 17.3662, -15.1078

Details

The Hex color **AC87B7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **92B787**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E4BDEF**, and **775582** is the 20% darker color. If you saturate the color by 10%, you get **A875B7**, and if you desaturate by 10%, it is **B099B7**.

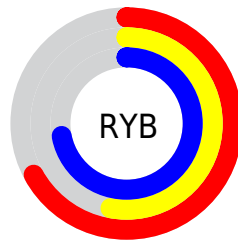
Distribution



Red (67%)

Green (53%)

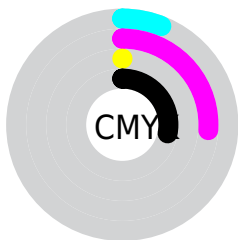
Blue (72%)



Red (67%)

Yellow (53%)

Blue (72%)

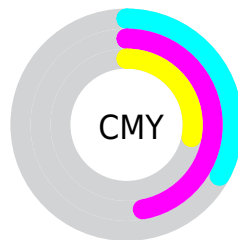


Cyan (6%)

Magenta (26%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (47%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Hex color AC87B7 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 AC87B7 by changing the saturation by 10% instead.

 AC87B7

 AC87B7

FFFFFF

 916D9C

 E4BDEF

 775582

 FFD8FF

 5E3D69

 FFF5FF

 462750

 2E1139

 1C0024

 00000B

 000000

 AC87B7

 AC87B7

 A875B7

 B099B7

 A462B7

 B4ACB7

 9F50B7

 B9BEB7

 9B3EB7

 BDD0B7

 972CB7

 C1E3B7

 9319B7

 C5F5B7

 8F07B7

 C9FFB7

 8D00B7

 CEFFB7

 D2FFB7

Harmonies

Analogous

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



8990C6



AC87B7



C2819F

Triad

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



AC87B7



AF8F60



3AA2A4

Complementary

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



AC87B7



92B787

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.



56A289



AC87B7



959861

Square

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



AC87B7



C1866D



769E70



3C9FBB

Rectangle

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



AC87B7



C8808D



769E70



42A29B

Sweetspot

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



AC87B7



E9DAED



8792B7



756C78



F7F7F7



787878

Same Dimension

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



AC87B7



DCA4ED



B787AA



5A535C



78009C



16001C

Inverse Universe

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



B78792



EDA4B4



87B794



5C5355



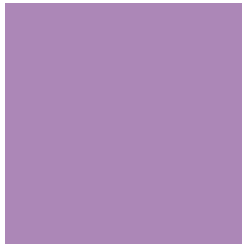
9C0024



1C0006

Previews

White Background



This preview shows how the Hex color AC87B7 looks on a white background.

Color Contrast Check

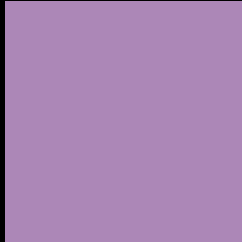
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color AC87B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

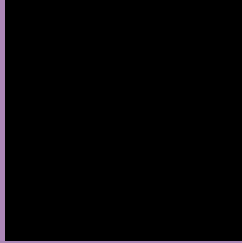
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AC87B7 Background



This preview shows how black text looks on a background with the Hex color AC87B7.




This preview shows how white text looks on a background with the Hex color AC87B7.

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
A78D98

Trichromacy



Original Color
AC87B7

Protanomaly
958EBC

Deuteranomaly
9B8DB6

Tritanomaly
A98BA3

Monochromacy



Original Color
AC87B7

Achromatopsia
989898

Achromatomaly
9F92A3

CSS Examples

Text

The CSS property to change the color of the text to Hex AC87B7 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 #AC87B7 looks like.

```
.text, #text, p{  
    color:#AC87B7  
}
```

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 #AC87B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC87B7  
}
```

Border

The CSS property to change the border of an element to Hex AC87B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

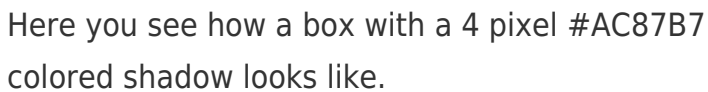
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AC87B7 }
```

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

```
.border{ border-color:#AC87B7 }
```

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



Here you see how a box with a 4 pixel `#AC87B7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC87B7; -webkit-box-shadow:4px 4px  
4px 4px #AC87B7; box-shadow:4px 4px 4px  
4px #AC87B7 }
```

Background

The CSS property to change the background color of an element to Hex AC87B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC87B7 }
```

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

```
.background{ background-color:#AC87B7 }
```

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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