

Converting Colors

Hex(AC88CA)

Have a look what the booklet for
Hex(AC88CA) contains.

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Color

Hex(AC88CA)

Conversions

Conversions Part 1

Format	Color
Hex	AC88CA
RGB	172, 136, 202
RGB Percent	67%, 53%, 79%
CMY	0.3255, 0.4667, 0.2078
CMYK	0.15, 0.33, 0.00, 0.21
HSL	273°, 38%, 66%
HSV	273°, 33%, 79%
XYZ	36.4781, 30.6432, 59.8692
YIQ	154.2880, 0.2700, 28.1580

Conversions

Conversions Part 2

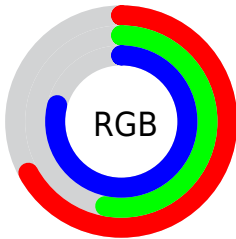
Format	Color
RYB	172, 136, 202
Decimal	11307210
CIELab	62.21, 26.27, -29.01
CIELCh	62, 39.136, 312.156
Yxy	30.6432, 0.2873, 0.2413
Android (android.graphics.Color)	4289497290 (0xFFAC88CA)
YUV	154.2880, 23.5220, 15.5334
Hunter-Lab	55.3563, 20.7523, -25.3742

Details

The Hex color **AC88CA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6CA88**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **E4BEFF**, and **775694** is the 20% darker color. If you saturate the color by 10%, you get **A374CA**, and if you desaturate by 10%, it is **B59CCA**.

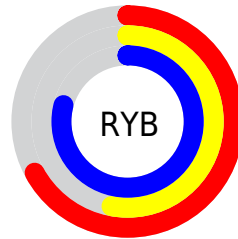
Distribution



Red (67%)

Green (53%)

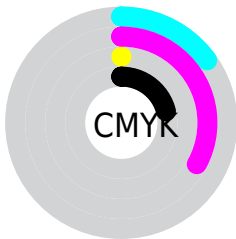
Blue (79%)



Red (67%)

Yellow (53%)

Blue (79%)

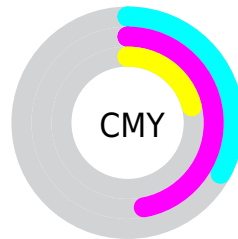


Cyan (15%)

Magenta (33%)

Yellow (0%)

Black (21%)



Cyan (33%)

Magenta (47%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC88CA 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 AC88CA by changing the saturation by 10% instead.

■ AC88CA

■ AC88CA

FFFFFF

■ 916EAE

■ E4BEFF

■ 775694

■ FFDAFF

■ 5D3E7A

■ FFF6FF

■ 442761

■ 2D1149

■ 190032

■ 00011C

■ 000000

■ AC88CA

■ AC88CA

 A374CA

 B59CCA

 9A60CA

 BEB0CA

 904BCA

 C8C5CA

 8737CA

 D1D9CA

 7E23CA

 DAEDCA

 750FCA

 E3FFCA

 6E00CA

 ECFFCA

 F5FFCA

 FFFFCA

Harmonies

Analogous

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



7995DA



AC88CA



CC7DAC

Triad

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



AC88CA



BE8D54



00A9A4

Complementary

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



AC88CA



A6CA88

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.



49A780



AC88CA



9E9951

Square

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



AC88CA



D38169



78A261



00A6C4

Rectangle

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



AC88CA



D77A95



78A261



18A998

Sweetspot

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



AC88CA



F3E6FF



88A7CA



797080



000000



808080

Same Dimension

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



AC88CA



D29CFF



CA88C8



615C66



5A00A6



150026

Inverse Universe

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



CA88A6



FF9CC9



88CA8A



665C60



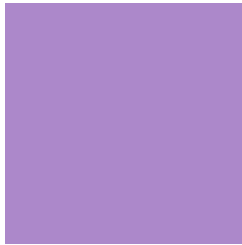
A6004B



260011

Previews

White Background



This preview shows how the Hex color AC88CA looks on a white background.

Color Contrast Check

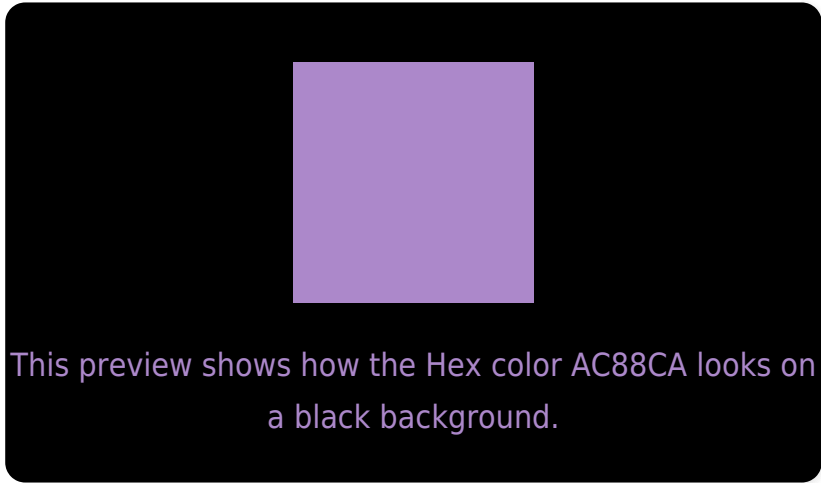
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

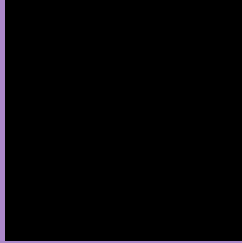
Any Text WCAG AA ✓ Pass

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 AC88CA Background



This preview shows how black text looks on a background with the Hex color AC88CA.



This preview shows how white text looks on a background with the Hex color AC88CA.

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



Original Color
AC88CA

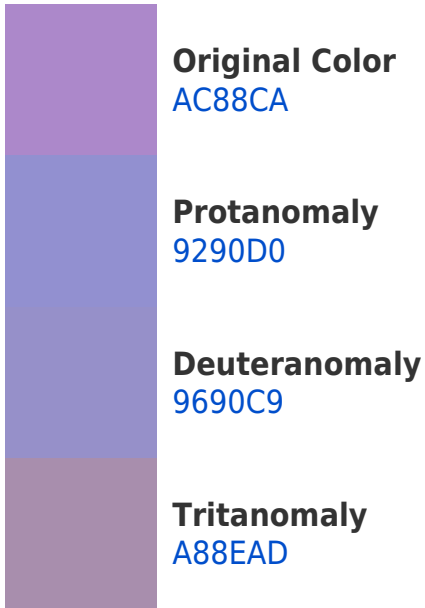
Protanopia
8394D4

Deuteranopia
8A94C8

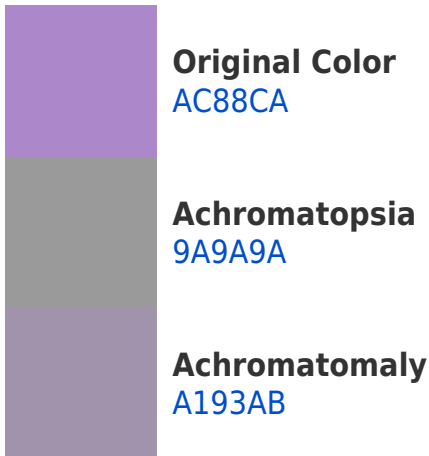


Tritanopia
A5919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC88CA 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 #AC88CA looks like.

```
.text, #text, p{  
    color:#AC88CA  
}
```

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 #AC88CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC88CA
}
```

Border

The CSS property to change the border of an element to Hex AC88CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

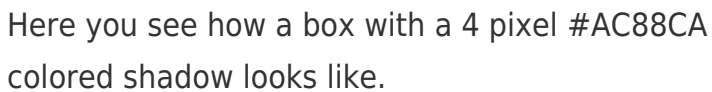
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC88CA }
```

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

```
.border{ border-color:#AC88CA }
```

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



Here you see how a box with a 4 pixel #AC88CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC88CA; -webkit-box-shadow:4px 4px  
4px 4px #AC88CA; box-shadow:4px 4px 4px  
4px #AC88CA }
```

Background

The CSS property to change the background color of an element to Hex AC88CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC88CA }
```

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

```
.background{ background-color:#AC88CA }
```

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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