

Converting Colors

Hex(AC8CCE)

Have a look what the booklet for
Hex(AC8CCE) contains.

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Color

Hex(AC8CCE)

Conversions

Conversions Part 1

Format	Color
Hex	AC8CCE
RGB	172, 140, 206
RGB Percent	67%, 55%, 81%
CMY	0.3255, 0.4510, 0.1922
CMYK	0.17, 0.32, 0.00, 0.19
HSL	269°, 40%, 68%
HSV	269°, 32%, 81%
XYZ	37.5319, 31.9831, 62.5877
YIQ	157.0920, -2.1140, 27.3100

Conversions

Conversions Part 2

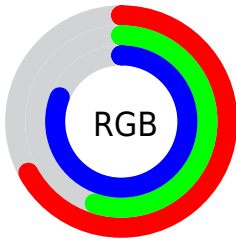
Format	Color
R _Y B	172, 140, 206
Decimal	11308238
CIE Lab	63.33, 24.89, -29.52
CIE LCh	63, 38.611, 310.136
Yxy	31.9831, 0.2841, 0.2421
Android (android.graphics.Color)	4289498318 (0xFFAC8CCE)
YUV	157.0920, 24.1116, 13.0743
Hunter-Lab	56.5536, 19.4933, -26.0286

Details

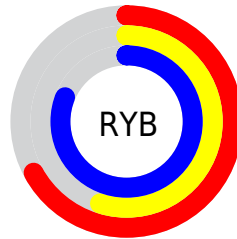
The Hex color **AC8CCE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AECE8C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E4C2FF**, and **775A97** is the 20% darker color. If you saturate the color by 10%, you get **A177CE**, and if you desaturate by 10%, it is **B7A1CE**.

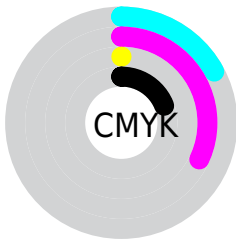
Distribution



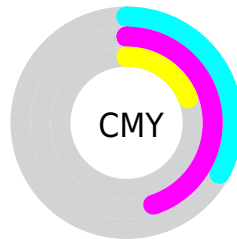
- Red (67%)
- Green (55%)
- Blue (81%)



- Red (67%)
- Yellow (55%)
- Blue (81%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Hex color AC8CCE 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 AC8CCE by changing the saturation by 10% instead.

 AC8CCE

 AC8CCE

FFFFFF

 9172B2

 E4C2FF

 775A97

 FFDEFF

 5D427D

 FFFBFF

 442B64

 2C154C

 170035

 00021F

 000002

 000000

 AC8CCE

 AC8CCE

 A177CE

 B7A1CE

 9763CE

 C1B5CE

 8C4ECE

 CCCACE

 823ACE

 D6DECE

 7725CE

 E1F3CE

 6C10CE

 ECFFCE

 6400CE

 F6FFCE

 FFFFCE

Harmonies

Analogous

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



7999DD



AC8CCE



CD81B1

Triad

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



AC8CCE



C28F59



00ABA4

Complementary

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



AC8CCE



AECE8C

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.



52AA81



AC8CCE



A49B54

Square

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



AC8CCE



D7846F



7EA463



00A9C5

Rectangle

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



AC8CCE



D97E9A



7EA463



29AB98

Sweetspot

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



AC8CCE



F2E6FF



8CAECE



787080



000000



808080

Same Dimension

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



AC8CCE



CD9EFF



CD8CCE



615C66



5000A6



130026

Inverse Universe

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



CE8CAE



FF9ED0



8DCE8C



665C61



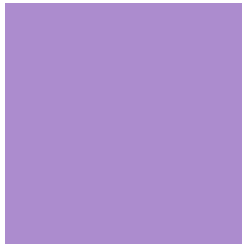
A60055



260014

Previews

White Background



This preview shows how the Hex color AC8CCE looks on a white background.

Color Contrast Check

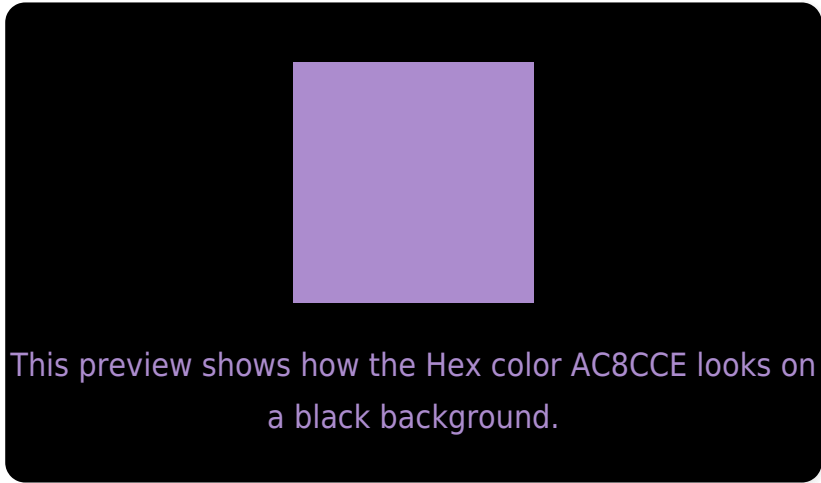
Large Text (above 18pt) WCAG AA × Fail

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 AC8CCE Background



This preview shows how black text looks on a background with the Hex color AC8CCE.

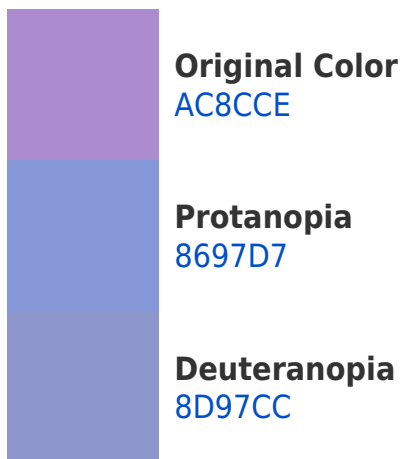


This preview shows how white text looks on a background with the Hex color AC8CCE.

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
A495A1

Trichromacy



Original Color
AC8CCE

Protanomaly
9493D4

Deuteranomaly
9893CD

Tritanomaly
A792B1

Monochromacy



Original Color
AC8CCE

Achromatopsia
9D9D9D

Achromatomaly
A297AF

CSS Examples

Text

The CSS property to change the color of the text to Hex AC8CCE 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 #AC8CCE looks like.

```
.text, #text, p{  
    color:#AC8CCE  
}
```

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 #AC8CCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8CCE
}
```

Border

The CSS property to change the border of an element to Hex AC8CCE is called "border". The border property can be set on classes, ids or directly on the HTML element.

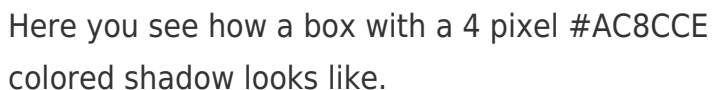
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC8CCE }
```

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

```
.border{ border-color:#AC8CCE }
```

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



Here you see how a box with a 4 pixel `#AC8CCE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8CCE; -webkit-box-shadow:4px 4px  
4px 4px #AC8CCE; box-shadow:4px 4px 4px  
4px #AC8CCE }
```

Background

The CSS property to change the background color of an element to Hex AC8CCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8CCE }
```

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

```
.background{ background-color:#AC8CCE }
```

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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