

Converting Colors

Hex(AC8AEA)

Have a look what the booklet for
Hex(AC8AEA) contains.

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Color

Hex(AC8AEA)

Conversions

Conversions Part 1

Format	Color
Hex	AC8AEA
RGB	172, 138, 234
RGB Percent	67%, 54%, 92%
CMY	0.3255, 0.4588, 0.0824
CMYK	0.26, 0.41, 0.00, 0.08
HSL	261°, 70%, 73%
HSV	261°, 41%, 92%
XYZ	40.9530, 32.8881, 82.0315
YIQ	159.1100, -10.5520, 37.0640

Conversions

Conversions Part 2

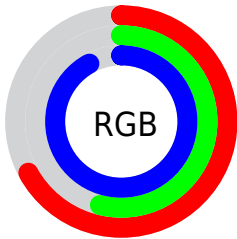
Format	Color
R _Y B	172, 138, 234
Decimal	11307754
CIE Lab	64.07, 32.52, -43.93
CIE LCh	64, 54.658, 306.506
Yxy	32.8881, 0.2627, 0.2110
Android (android.graphics.Color)	4289497834 (0xFFAC8AEA)
YUV	159.1100, 36.9208, 11.3045
Hunter-Lab	57.3482, 27.1097, -44.6654

Details

The Hex color **AC8AEA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C8EA8A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E5C0FF**, and **7557B2** is the 20% darker color. If you saturate the color by 10%, you get **9D73EA**, and if you desaturate by 10%, it is **BBA1EA**.

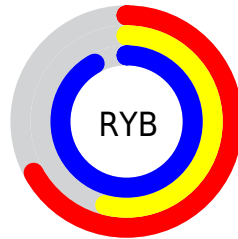
Distribution



Red (67%)

Green (54%)

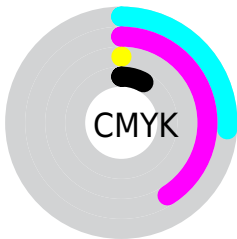
Blue (92%)



Red (67%)

Yellow (54%)

Blue (92%)

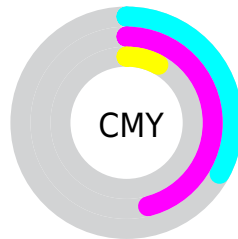


Cyan (26%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (33%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC8AEA 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 AC8AEA by changing the saturation by 10% instead.

 AC8AEA

 AC8AEA

FFFFFF

 9070CE

 E5C0FF

 7557B2

 FFDCFF

 5B4097

 FFF9FF

 40297C

 251263

 06004B

 000033

 00021D

 000000

 AC8AEA

 AC8AEA

 9D73EA

 BBA1EA

 8E5BEA

 CAB9EA

 7F44EA

 D9D0EA

 702CEA

 E8E8EA

 6015EA

 F8FFEA

 5300EA

 FFFFEA

Harmonies

Analogous

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



509DFC



AC8AEA



DF77C3

Triad

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



AC8AEA



D58B40



00B3A5

Complementary

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



AC8AEA



C8EA8A

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.



27B073



AC8AEA



AC9C34

Square

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



AC8AEA



EF7964



79A949



00B2D4

Rectangle

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



AC8AEA



F170A3



79A949



00B394

Sweetspot

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



AC8AEA



EBE0FF



8AC8EA



746E80



000000



808080

Same Dimension

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



AC8AEA



AE82FF



DC8AEA



6E6A75



4000B5



130036

Inverse Universe

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



EA8AC8



FF82D3



98EA8A



756A71



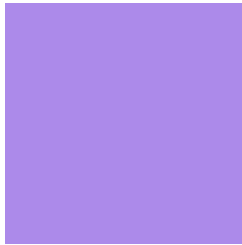
B50075



360023

Previews

White Background



This preview shows how the Hex color AC8AEA looks on a white background.

Color Contrast Check

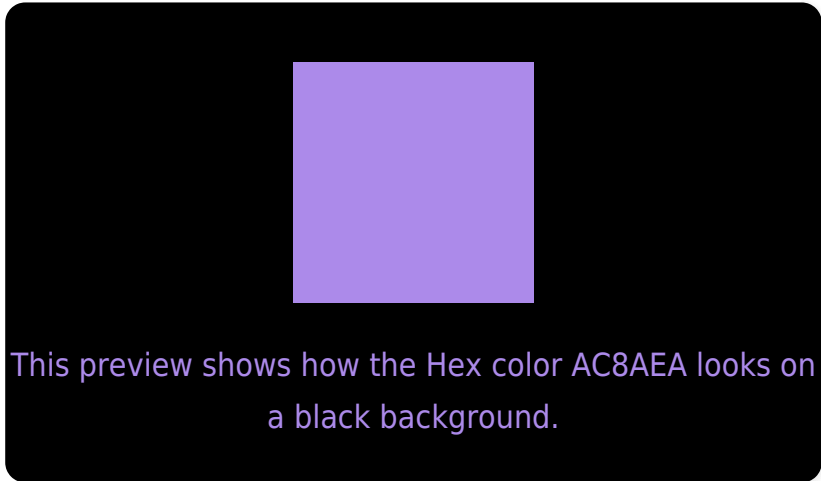
Large Text (above 18pt) WCAG AA × Fail

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

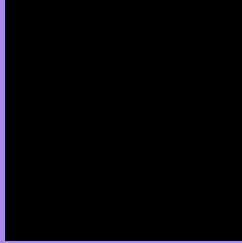
Any Text WCAG AA ✓ Pass

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 AC8AEA Background



This preview shows how black text looks on a background with the Hex color AC8AEA.

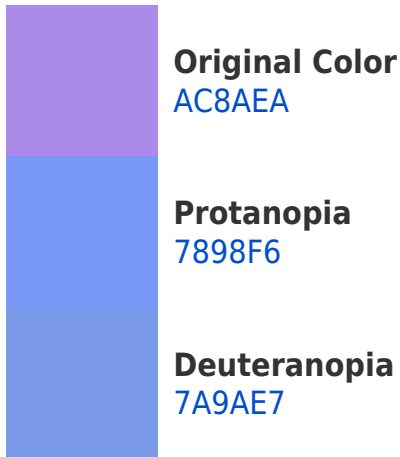


This preview shows how white text looks on a background with the Hex color AC8AEA.

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](#).

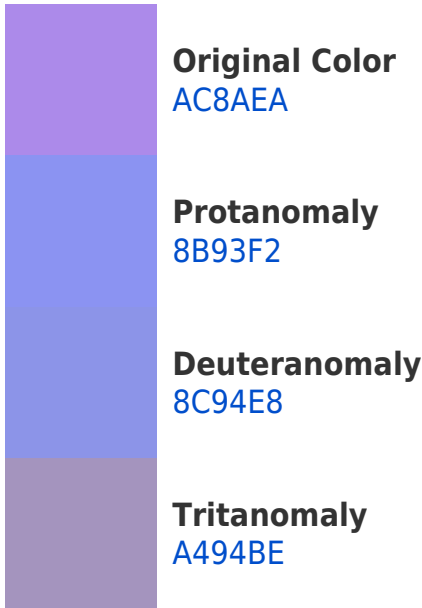
Dichromacy



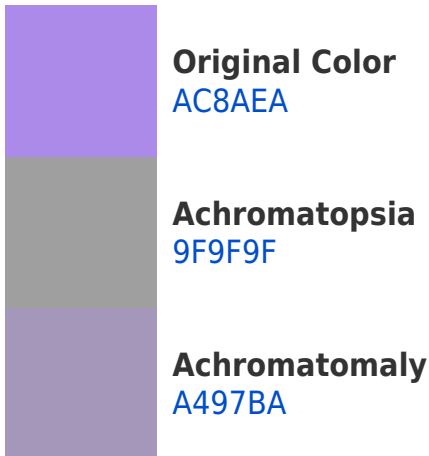


Tritanopia
9F99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC8AEA 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 #AC8AEA looks like.

```
.text, #text, p{  
    color:#AC8AEA  
}
```

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 #AC8AEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8AEA
}
```

Border

The CSS property to change the border of an element to Hex AC8AEA is called "border". The border property can be set on classes, ids or directly on the HTML element.

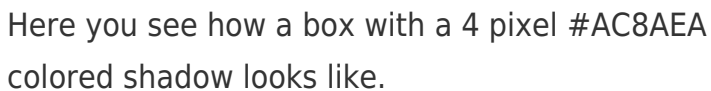
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC8AEA }
```

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

```
.border{ border-color:#AC8AEA }
```

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



Here you see how a box with a 4 pixel #AC8AEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8AEA; -webkit-box-shadow:4px 4px  
4px 4px #AC8AEA; box-shadow:4px 4px 4px  
4px #AC8AEA }
```

Background

The CSS property to change the background color of an element to Hex AC8AEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8AEA }
```

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

```
.background{ background-color:#AC8AEA }
```

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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