

# Converting Colors

Hex(AC99DE)

Have a look what the booklet for  
Hex(AC99DE) contains.

<b>Hex(AC99DE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AC99DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC99DE
RGB	172, 153, 222
RGB Percent	67%, 60%, 87%
CMY	0.3255, 0.4000, 0.1294
CMYK	0.23, 0.31, 0.00, 0.13
HSL	257°, 51%, 74%
HSV	257°, 31%, 87%
XYZ	41.5893, 36.8270, 74.0236
YIQ	166.5470, -10.8250, 25.4870

# Conversions

## Conversions Part 2

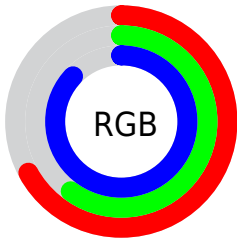
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 153, 222
Decimal	11311582
CIELab	67.15, 21.20, -32.50
CIELCh	67, 38.806, 303.115
Yxy	36.8270, 0.2728, 0.2416
Android (android.graphics.Color)	4289501662 (0xFFAC99DE)
YUV	166.5470, 27.3383, 4.7823
Hunter-Lab	60.6853, 16.1317, -29.8419

# Details

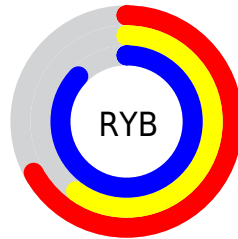
The Hex color **AC99DE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBDE99**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E4CFFF**, and **7666A7** is the 20% darker color. If you saturate the color by 10%, you get **9C83DE**, and if you desaturate by 10%, it is **BCAFDE**.

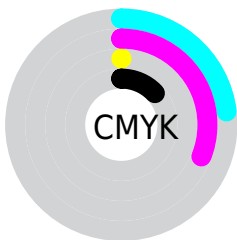
# Distribution



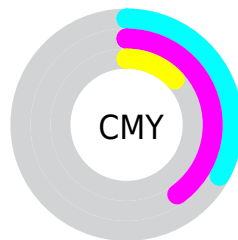
- Red (67%)
- Green (60%)
- Blue (87%)



- Red (67%)
- Yellow (60%)
- Blue (87%)



- Cyan (23%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (40%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC99DE 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 AC99DE by changing the saturation by 10% instead.



■ AC99DE

■ AC99DE

FFFFFF

■ 917FC2

■ E4CFFF

■ 7666A7

■ FFECFF

■ 5D4E8C

■ 443772

■ 2B2159

■ 110D42

■ 00002B

■ 000115

■ 000000

 AC99DE

 AC99DE

 9C83DE

 BCAFDE

 8C6DDE

 CCC5DE

 7C56DE

 DCDCDE

 6C40DE

 ECF2DE

 5C2ADE

 FCFFDE

 4B14DE

 FFFFDE

 3D00DE

# Harmonies

## Analogous

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



75A6E9



AC99DE



D28DC4

# Triad

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



AC99DE



D49666



30B6A6

# Complementary

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



AC99DE



CBDE99

# 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.



67B383



AC99DE



B6A35D

# Square

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



AC99DE



E58C7F



92AD68



00B5C8

# Rectangle

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



AC99DE



E189AD



92AD68



45B59A



# Sweetspot

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



AC99DE



EEE8FF



99CCDE



757180



000000



808080



# Same Dimension

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



AC99DE



BBA1FF



CE99DE



686570



3000B0



0D0030



# Inverse Universe

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



DE99CB



FFA1E5



A9DE99



70656D



B0007F

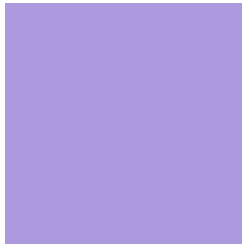


300023



# Previews

## White Background



This preview shows how the Hex color AC99DE looks on a white background.

## Color Contrast Check

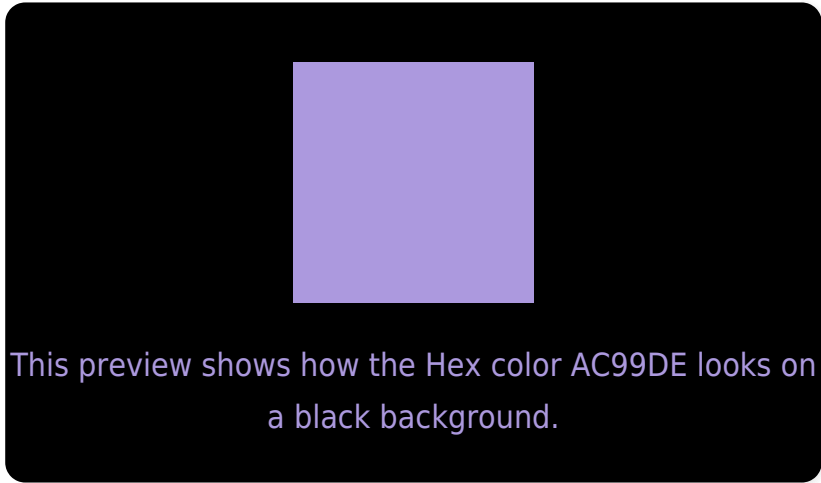
Large Text (above 18pt) WCAG AA × Fail

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

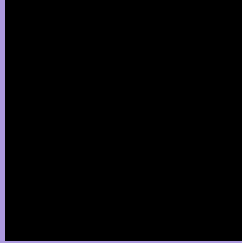
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AC99DE Background



This preview shows how black text looks on a background with the Hex color AC99DE.

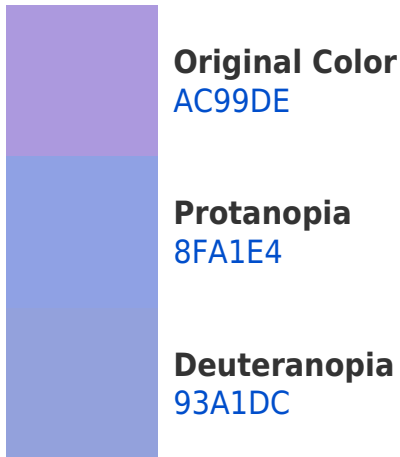


This preview shows how white text looks on a background with the Hex color AC99DE.

# 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**  
A3A2AF

# Trichromacy



**Original Color**  
AC99DE

**Protanomaly**  
9A9EE2

**Deuteranomaly**  
9C9EDD

**Tritanomaly**  
A69FC0

# Monochromacy



**Original Color**  
AC99DE

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
A9A2BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC99DE 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 #AC99DE looks like.

```
.text, #text, p{  
    color:#AC99DE  
}
```

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 #AC99DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC99DE
}
```

## Border

The CSS property to change the border of an element to Hex AC99DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

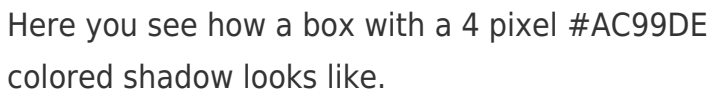
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC99DE }
```

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

```
.border{ border-color:#AC99DE }
```

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



Here you see how a box with a 4 pixel `#AC99DE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC99DE; -webkit-box-shadow:4px 4px  
4px 4px #AC99DE; box-shadow:4px 4px 4px  
4px #AC99DE }
```

# Background

The CSS property to change the background color of an element to Hex AC99DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC99DE }
```

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

```
.background{ background-color:#AC99DE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor