

# Converting Colors

Hex(AC7ECF)

Have a look what the booklet for  
Hex(AC7ECF) contains.

<b>Hex(AC7ECF)</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(AC7ECF)

# Conversions

## Conversions Part 1

Format	Color
Hex	AC7ECF
RGB	172, 126, 207
RGB Percent	67%, 49%, 81%
CMY	0.3255, 0.5059, 0.1882
CMYK	0.17, 0.39, 0.00, 0.19
HSL	274°, 46%, 65%
HSV	274°, 39%, 81%
XYZ	35.7366, 28.1974, 62.5906
YIQ	148.9880, 1.4150, 34.9430

# Conversions

## Conversions Part 2

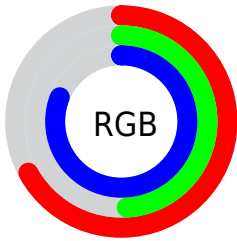
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 126, 207
Decimal	11304655
CIE <sub>Lab</sub>	60.07, 33.01, -35.15
CIE <sub>LCh</sub>	60, 48.214, 313.201
Yxy	28.1974, 0.2824, 0.2229
Android (android.graphics.Color)	4289494735 (0xFFAC7ECF)
YUV	148.9880, 28.5999, 20.1815
Hunter-Lab	53.1012, 27.2017, -32.7145

# Details

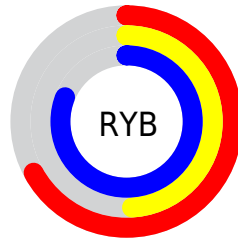
The Hex color **AC7ECF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A1CF7E**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E5B3FF**, and **764C98** is the 20% darker color. If you saturate the color by 10%, you get **A369CF**, and if you desaturate by 10%, it is **B593CF**.

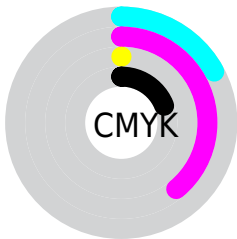
# Distribution



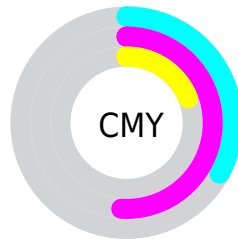
- Red (67%)
- Green (49%)
- Blue (81%)



- Red (67%)
- Yellow (49%)
- Blue (81%)



- Cyan (17%)
- Magenta (39%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (51%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC7ECF 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 AC7ECF by changing the saturation by 10% instead.



 AC7ECF

 AC7ECF

FFFFFF

 9165B3

 E5B3FF

 764C98

 FFCFFF

 5C347E

 FFECFF

 431D65

 2A054C

 180035

 00021F

 000002

 000000

 AC7ECF

 AC7ECF

 A369CF

 B593CF

 9A55CF

 BEA7CF

 9140CF

 C7BCCF

 882BCF

 D0D1CF

 7F17CF

 D9E6CF

 7602CF

 E2FACF

 7600CF

 EBFFCF

 F4FFCF

 FDFFCF

# Harmonies

## Analogous

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



698FE3



AC7ECF



D370AA

# Triad

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



AC7ECF



BD863E



00A6A3

# Complementary

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



AC7ECF



A1CF7E

# 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.



16A477



AC7ECF



97943A

# Square

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



AC7ECF



D77658



689F50



00A4CA

# Rectangle

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



AC7ECF



DE6C8E



689F50



00A694



# Sweetspot

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



AC7ECF



F2E0FF



7EA1CF



786E80



000000



808080



# Same Dimension

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



AC7ECF



CB87FF



CF7ECA



645E69



6000A8



170029



# Inverse Universe

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



CF7EA1



FF87BB



7ECF83



695E63



A80049

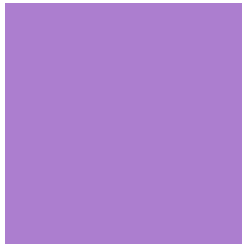


290012



# Previews

## White Background



This preview shows how the Hex color AC7ECF looks on a white background.

## Color Contrast Check

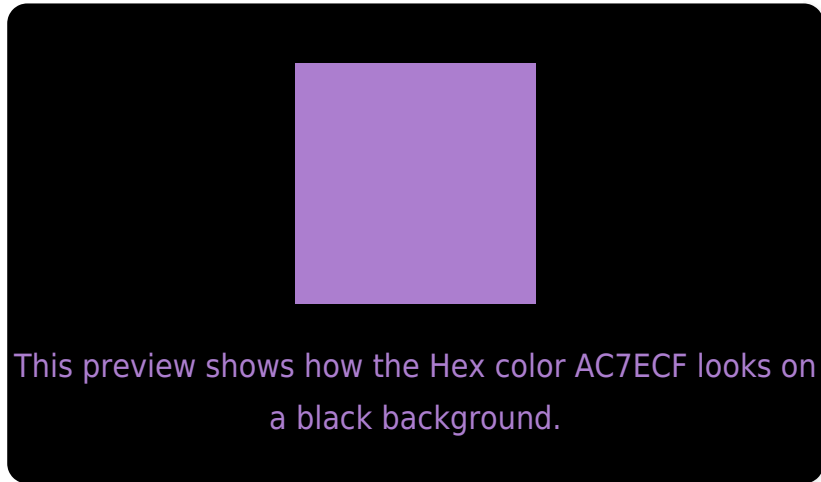
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 AC7ECF Background



This preview shows how black text looks on a background with the Hex color AC7ECF.

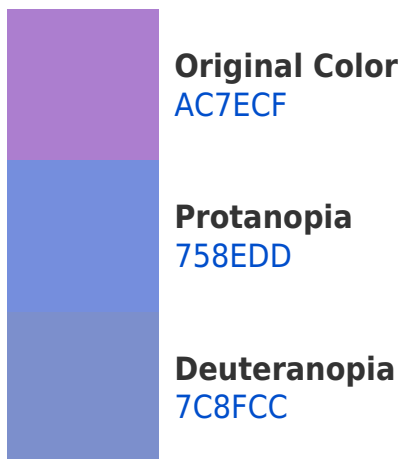



This preview shows how white text looks on a background with the Hex color AC7ECF.

# 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](#).

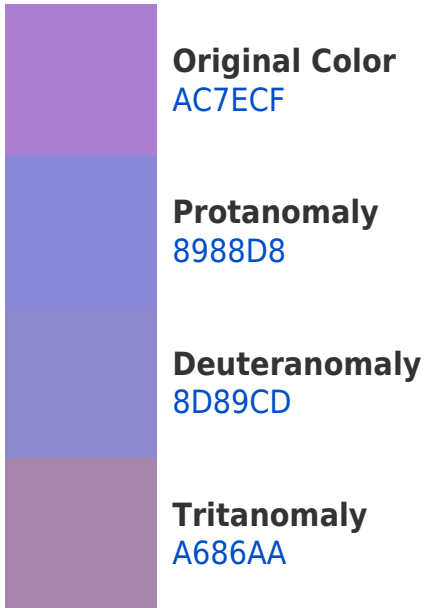
## Dichromacy



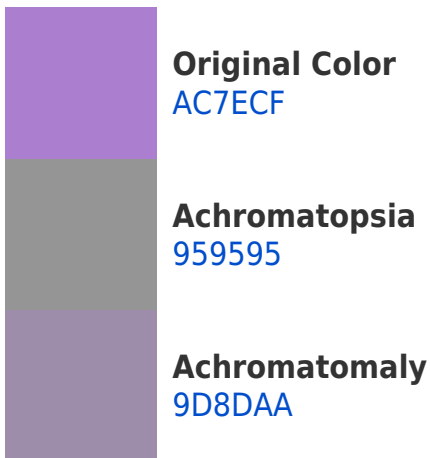


**Tritanopia**  
A38A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC7ECF 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 #AC7ECF looks like.

```
.text, #text, p{  
    color:#AC7ECF  
}
```

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 #AC7ECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC7ECF
}
```

## Border

The CSS property to change the border of an element to Hex AC7ECF is called "border". The border property can be set on classes, ids or directly on the HTML element.

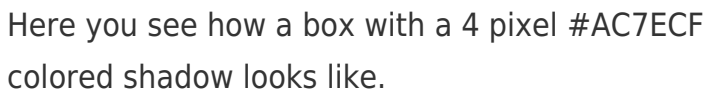
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC7ECF }
```

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

```
.border{ border-color:#AC7ECF }
```

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



Here you see how a box with a 4 pixel `#AC7ECF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC7ECF; -webkit-box-shadow:4px 4px  
4px 4px #AC7ECF; box-shadow:4px 4px 4px  
4px #AC7ECF }
```

# Background

The CSS property to change the background color of an element to Hex AC7ECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC7ECF }
```

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

```
.background{ background-color:#AC7ECF }
```

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