

# Converting Colors

Hex(AC85AC)

Have a look what the booklet for  
Hex(AC85AC) contains.

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# **Color**

**Hex(AC85AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC85AC
RGB	172, 133, 172
RGB Percent	67%, 52%, 67%
CMY	0.3255, 0.4784, 0.3255
CMYK	0.00, 0.23, 0.00, 0.33
HSL	300°, 19%, 60%
HSV	300°, 23%, 67%
XYZ	32.8472, 28.5243, 42.8042
YIQ	149.1070, 10.7250, 20.3970

# Conversions

## Conversions Part 2

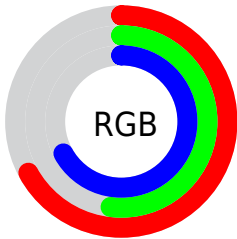
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 133, 172
Decimal	11306412
CIELab	60.36, 21.74, -14.86
CIELCh	60, 26.334, 325.654
Yxy	28.5243, 0.3153, 0.2738
Android (android.graphics.Color)	4289496492 (0xFFAC85AC)
YUV	149.1070, 11.2862, 20.0772
Hunter-Lab	53.4081, 16.3173, -10.1326

# Details

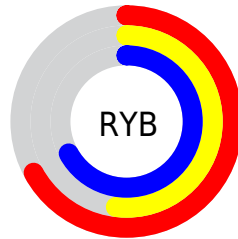
The Hex color **AC85AC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85AC85**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E4BAE3**, and **775378** is the 20% darker color. If you saturate the color by 10%, you get **AC74AC**, and if you desaturate by 10%, it is **AC96AC**.

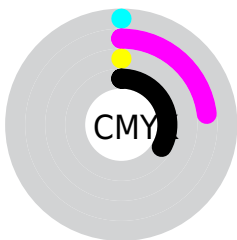
# Distribution



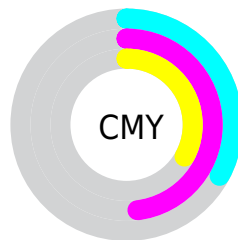
- Red (67%)
- Green (52%)
- Blue (67%)



- Red (67%)
- Yellow (52%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (48%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC85AC 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 AC85AC by changing the saturation by 10% instead.



 AC85AC

 AC85AC

FFFFFF

 916C91

 E4BAE3

 775378

 FFD6FF

 5E3B5F

 FFF3FF

 462547

 2F0F31

 1D001C

 000000

 AC85AC

 AC85AC

 AC74AC

 AC96AC

AC63AC

ACA7AC

AC51AC

ACB9AC

AC40AC

ACCAAC

AC2FAC

ACDBAC

AC1EAC

ACECAC

AC0DAC

ACFDAC

AC00AC

ACFFAC

# Harmonies

## Analogous

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



908DBB



AC85AC



BC8196

# Triad

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



AC85AC



A58F63



489EA5

# Complementary

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



AC85AC



85AC85

# 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.



589E8D



AC85AC



8D9667

# Square

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



AC85AC



B7876C



729B77



519BB7

# Rectangle

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



AC85AC



C08186



729B77



4B9E9D



# Sweetspot

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



AC85AC



E0D1E0



8585AC



706770



F0F0F0



707070



# Same Dimension

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



AC85AC



E0A4E0



AC8599



574E57



960096



170017



# Inverse Universe

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



AC85AC



E0A4E0



85AC99



574E57



960096

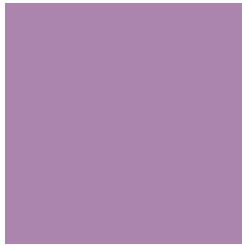


170017



# Previews

## White Background



This preview shows how the Hex color AC85AC looks on a white background.

## Color Contrast Check

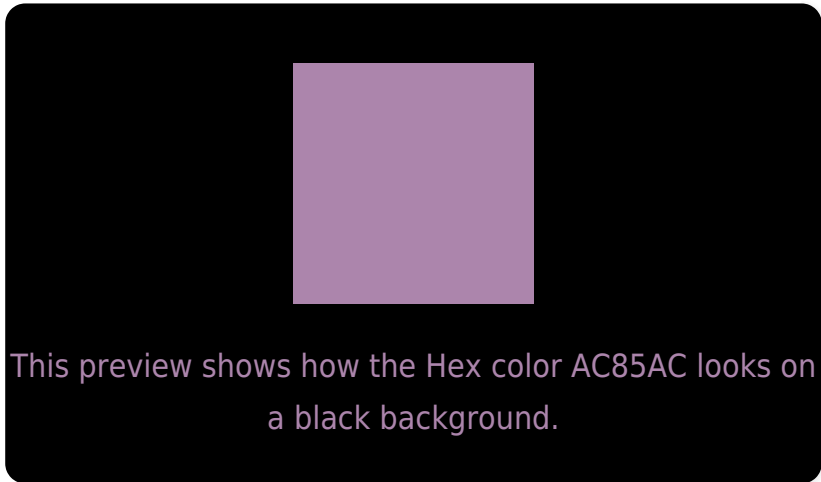
Large Text (above 18pt) WCAG AA ✓ Pass

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

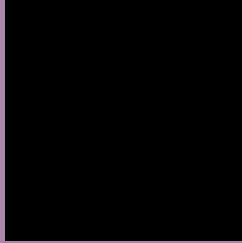
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC85AC Background



This preview shows how black text looks on a background with the Hex color AC85AC.

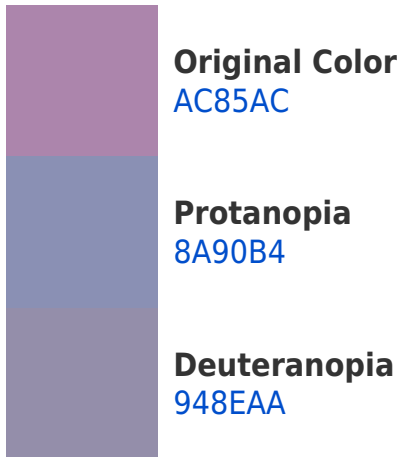


This preview shows how white text looks on a background with the Hex color AC85AC.

# 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](#).

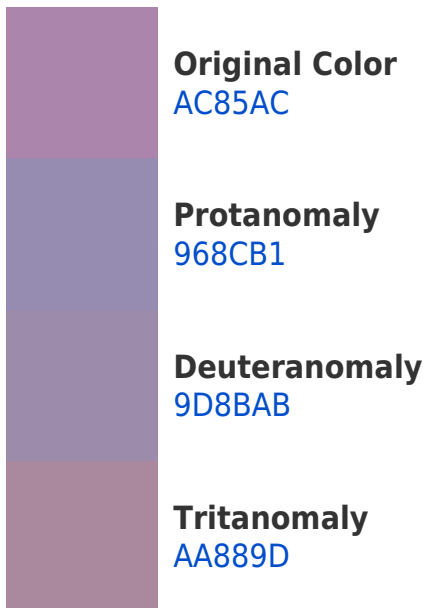
## Dichromacy



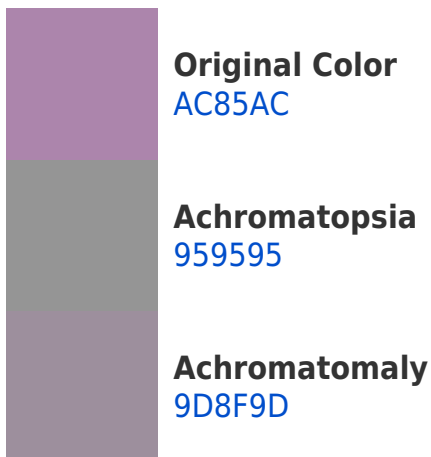


**Tritanopia**  
A98994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC85AC 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 #AC85AC looks like.

```
.text, #text, p{  
    color:#AC85AC  
}
```

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 #AC85AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC85AC
}
```

## Border

The CSS property to change the border of an element to Hex AC85AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

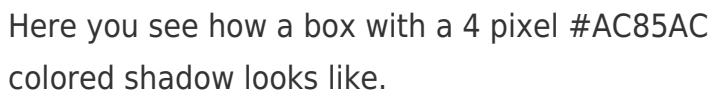
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC85AC }
```

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

```
.border{ border-color:#AC85AC }
```

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



Here you see how a box with a 4 pixel `#AC85AC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC85AC; -webkit-box-shadow:4px 4px  
4px 4px #AC85AC; box-shadow:4px 4px 4px  
4px #AC85AC }
```

# Background

The CSS property to change the background color of an element to Hex AC85AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC85AC }
```

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

```
.background{ background-color:#AC85AC }
```

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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