

# Converting Colors

Hex(A85ACC)

Have a look what the booklet for  
Hex(A85ACC) contains.

<b>Hex(A85ACC)</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(A85ACC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A85ACC
RGB	168, 90, 204
RGB Percent	66%, 35%, 80%
CMY	0.3412, 0.6471, 0.2000
CMYK	0.18, 0.56, 0.00, 0.20
HSL	281°, 53%, 58%
HSV	281°, 56%, 80%
XYZ	30.7037, 19.9968, 59.3682
YIQ	126.3180, 9.8940, 51.9900

# Conversions

## Conversions Part 2

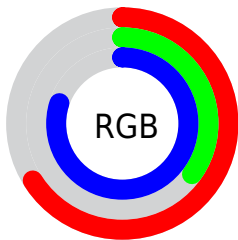
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 90, 204
Decimal	11033292
CIELab	51.83, 50.69, -46.44
CIELCh	52, 68.743, 317.506
Yxy	19.9968, 0.2790, 0.1817
Android (android.graphics.Color)	4289223372 (0xFFA85ACC)
YUV	126.3180, 38.2972, 36.5551
Hunter-Lab	44.7178, 44.3039, -47.4122

# Details

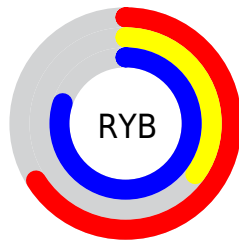
The Hex color **A85ACC** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **7ECC5A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E18FFF**, and **712595** is the 20% darker color. If you saturate the color by 10%, you get **A246CC**, and if you desaturate by 10%, it is **AE6ECC**.

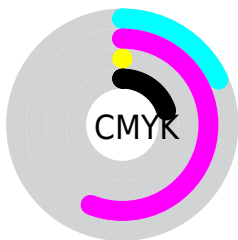
# Distribution



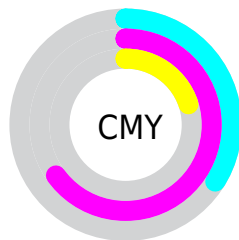
- Red (66%)
- Green (35%)
- Blue (80%)



- Red (66%)
- Yellow (35%)
- Blue (80%)



- Cyan (18%)
- Magenta (56%)
- Yellow (0%)
- Black (20%)



- Cyan (34%)
- Magenta (65%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A85ACC 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 A85ACC by changing the saturation by 10% instead.



 A85ACC

 A85ACC

FFFFFF

 8C40B0

 E18FFF

 712595

 FFABFF

 56037B

 FFC7FF

 3B0061

 FFE3FF

 230049

 000031

 00011B

 000000

 A85ACC

 A85ACC

 A246CC

 AE6ECC

 9B31CC

 B583CC

 951DCC

 BB97CC

 8E08CC

 C2ACCC

 8C00CC

 C8C0CC

 CFD4CC

 D5E9CC

 DCFDCC

 E2FFCC

# Harmonies

## Analogous

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



3577ED



A85ACC



D73C97

# Triad

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



A85ACC



A97000



00969D

# Complementary

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



A85ACC



7ECC5A

# 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.



009460



A85ACC



758300

# Square

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



A85ACC



D05524



238F22



0093D2

# Rectangle

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



A85ACC



E2366F



238F22



009689



# Sweetspot

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



A85ACC



F1D4FF



5A7ECC



776680



000000



808080



# Same Dimension

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



A85ACC



C954FF



CC5AB7



635C66



7100A6



1A0026



# Inverse Universe

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



CC5A7E



FF548A



5ACC6F



665C5F



A60034

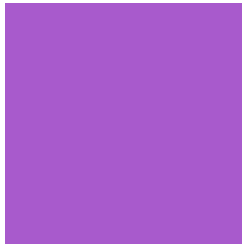


26000C



# Previews

## White Background



This preview shows how the Hex color A85ACC looks on a white background.

## Color Contrast Check

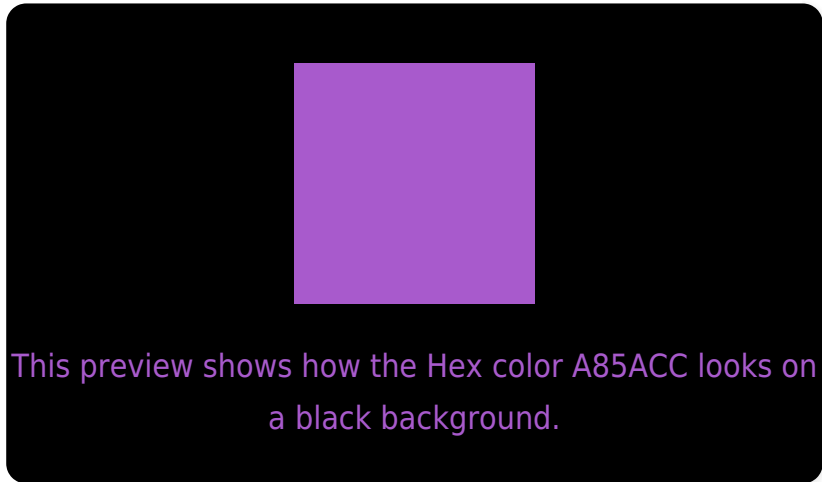
Large Text (above 18pt) WCAG AA ✓ Pass

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

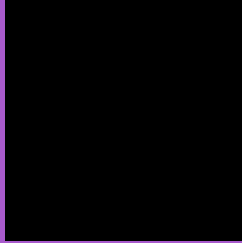
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A85ACC Background



This preview shows how black text looks on a background with the Hex color A85ACC.

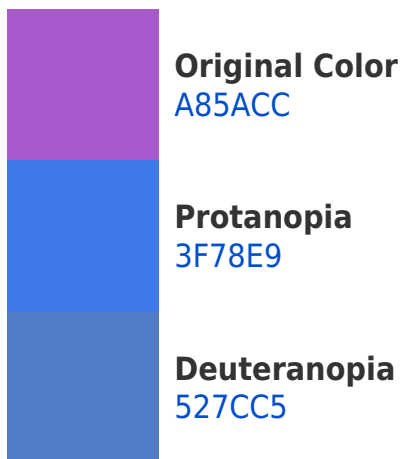


This preview shows how white text looks on a background with the Hex color A85ACC.

# 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](#).

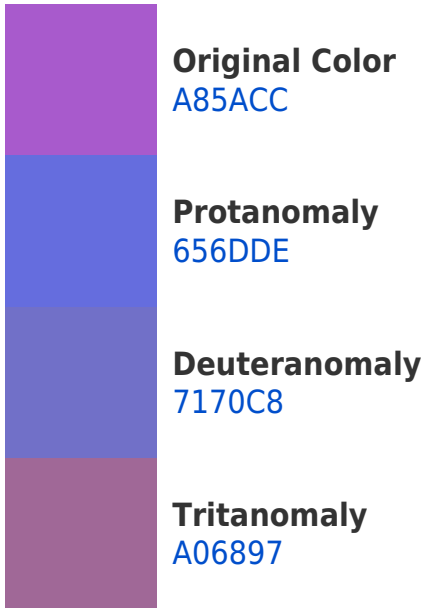
## Dichromacy



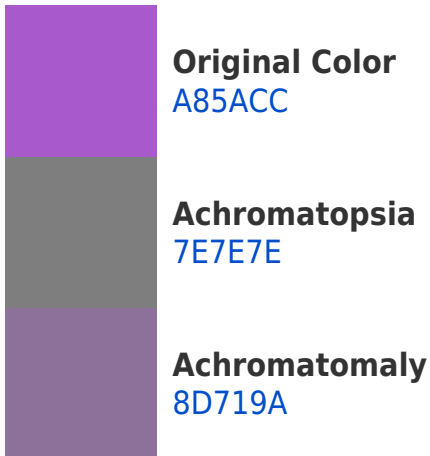


**Tritanopia**  
9B7079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A85ACC 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 #A85ACC looks like.

```
.text, #text, p{  
    color:#A85ACC  
}
```

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 #A85ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85ACC  
}
```

## Border

The CSS property to change the border of an element to Hex A85ACC 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  
#A85ACC }
```

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

```
.border{ border-color:#A85ACC }
```

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

Here you see how a box with a 4 pixel #A85ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85ACC; -webkit-box-shadow:4px 4px  
4px 4px #A85ACC; box-shadow:4px 4px 4px  
4px #A85ACC }
```

# Background

The CSS property to change the background color of an element to Hex A85ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85ACC }
```

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

```
.background{ background-color:#A85ACC }
```

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