

# Converting Colors

Hex(AF85CF)

Have a look what the booklet for  
Hex(AF85CF) contains.

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# **Color**

**Hex(AF85CF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF85CF
RGB	175, 133, 207
RGB Percent	69%, 52%, 81%
CMY	0.3137, 0.4784, 0.1882
CMYK	0.15, 0.36, 0.00, 0.19
HSL	274°, 44%, 67%
HSV	274°, 36%, 81%
XYZ	37.3292, 30.3940, 62.9307
YIQ	153.9940, 1.2780, 31.9180

# Conversions

## Conversions Part 2

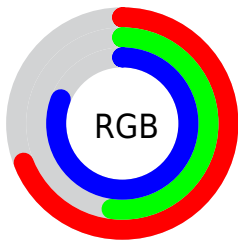
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 133, 207
Decimal	11503055
CIELab	61.99, 29.99, -32.13
CIELCh	62, 43.946, 313.028
Yxy	30.3940, 0.2857, 0.2326
Android (android.graphics.Color)	4289693135 (0xFFAF85CF)
YUV	153.9940, 26.1320, 18.4223
Hunter-Lab	55.1308, 24.3841, -29.0868

# Details

The Hex color **AF85CF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A5CF85**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **E7BBFF**, and **795398** is the 20% darker color. If you saturate the color by 10%, you get **A670CF**, and if you desaturate by 10%, it is **B89ACF**.

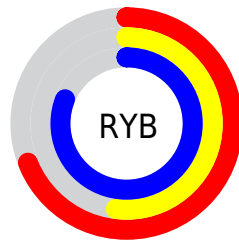
# Distribution



Red (69%)

Green (52%)

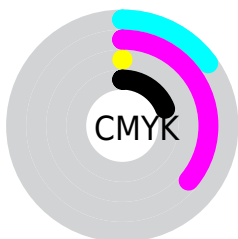
Blue (81%)



Red (69%)

Yellow (52%)

Blue (81%)

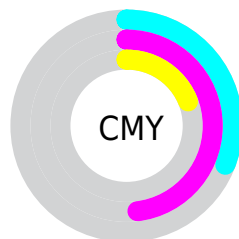


Cyan (15%)

Magenta (36%)

Yellow (0%)

Black (19%)



Cyan (31%)

Magenta (48%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF85CF 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 AF85CF by changing the saturation by 10% instead.



 AF85CF

 AF85CF

FFFFFF

 946BB3

 E7BBFF

 795398

 FFD7FF

 5F3B7E

 FFF3FF

 462465

 2E0D4D

 1A0036

 00021F

 000003

 000000

 AF85CF

 AF85CF

 A670CF

 B89ACF

 9D5CCF

 C1AECF

 9447CF

 CAC3CF

 8B32CF

 D3D8CF

 821ECF

 DCECCF

 7909CF

 E5FFCF

 7500CF

 EEFFCF

 F7FFCF

 FFFF CF

# Harmonies

## Analogous

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



7494E2



AF85CF



D379AE

# Triad

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



AF85CF



C08C4B



00AAA6

# Complementary

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



AF85CF



A5CF85

# 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.



37A87E



AF85CF



9D9947

# Square

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



AF85CF



D87E62



72A35B



00A7CA

# Rectangle

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



AF85CF



DE7593



72A35B



00AA99



# Sweetspot

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



AF85CF



F3E3FF



85A5CF



786F80



000000



808080



# Same Dimension

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



AF85CF



D091FF



CF85CA



645E69



6000A8



170029



# Inverse Universe

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



CF85A5



FF91C1



85CF8A



695E63



A80049

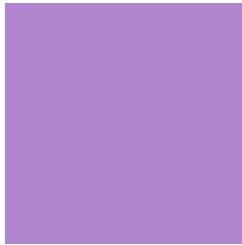


290012



# Previews

## White Background



This preview shows how the Hex color AF85CF looks on a white background.

## Color Contrast Check

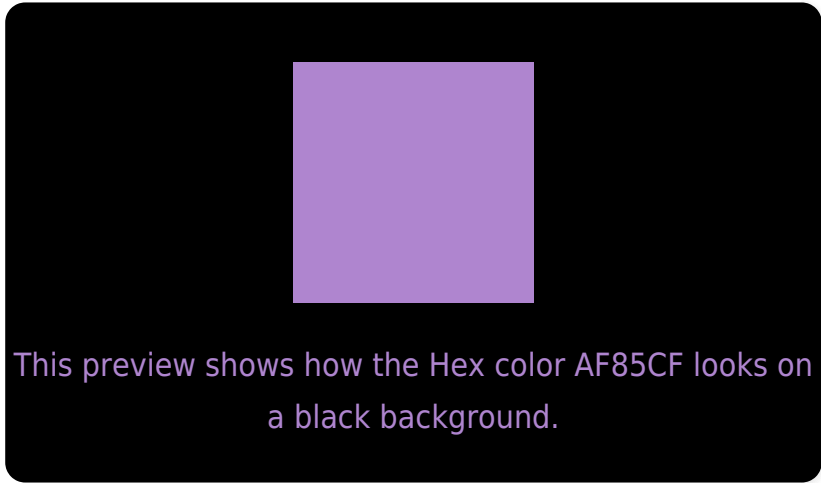
Large Text (above 18pt) WCAG AA × Fail

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 AF85CF Background



This preview shows how black text looks on a background with the Hex color AF85CF.

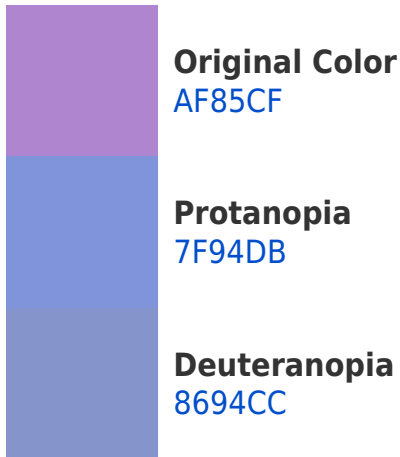


This preview shows how white text looks on a background with the Hex color AF85CF.

# 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](#).

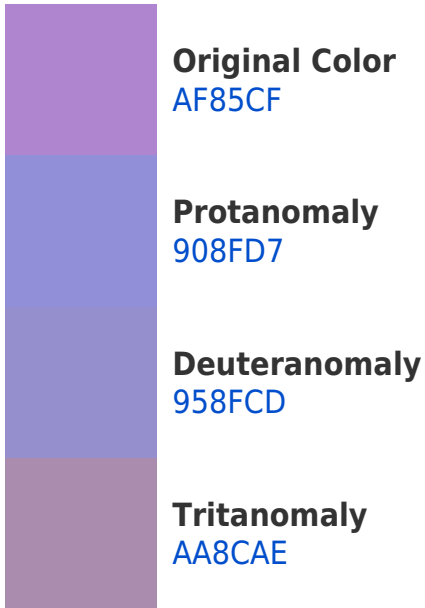
## Dichromacy



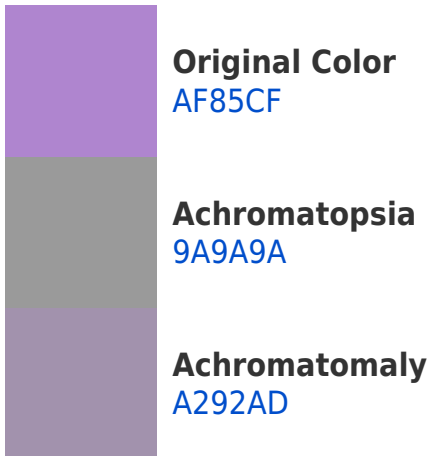


**Tritanopia**  
A7909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF85CF 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 #AF85CF looks like.

```
.text, #text, p{  
    color:#AF85CF  
}
```

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 #AF85CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF85CF
}
```

## Border

The CSS property to change the border of an element to Hex AF85CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

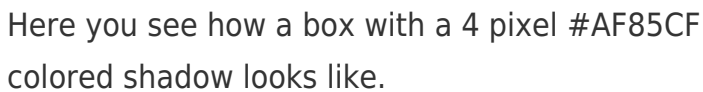
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF85CF }
```

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

```
.border{ border-color:#AF85CF }
```

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



Here you see how a box with a 4 pixel #AF85CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF85CF; -webkit-box-shadow:4px 4px  
4px 4px #AF85CF; box-shadow:4px 4px 4px  
4px #AF85CF }
```

# Background

The CSS property to change the background color of an element to Hex AF85CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF85CF }
```

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

```
.background{ background-color:#AF85CF }
```

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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