

Converting Colors

Hex(AF81CF)

Have a look what the booklet for
Hex(AF81CF) contains.

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Color

Hex(AF81CF)

Conversions

Conversions Part 1

Format	Color
Hex	AF81CF
RGB	175, 129, 207
RGB Percent	69%, 51%, 81%
CMY	0.3137, 0.4941, 0.1882
CMYK	0.15, 0.38, 0.00, 0.19
HSL	275°, 45%, 66%
HSV	275°, 38%, 81%
XYZ	36.7919, 29.3195, 62.7516
YIQ	151.6460, 2.3780, 34.0100

Conversions

Conversions Part 2

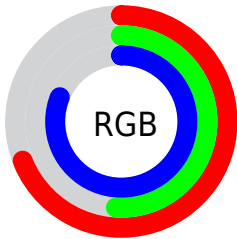
Format	Color
RYB	175, 129, 207
Decimal	11502031
CIELab	61.06, 32.23, -33.57
CIElCh	61, 46.539, 313.833
Yxy	29.3195, 0.2855, 0.2275
Android (android.graphics.Color)	4289692111 (0xFFAF81CF)
YUV	151.6460, 27.2895, 20.4815
Hunter-Lab	54.1475, 26.5286, -30.8080

Details

The Hex color **AF81CF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A1CF81**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E8B7FF**, and **794F98** is the 20% darker color. If you saturate the color by 10%, you get **A76CCF**, and if you desaturate by 10%, it is **B796CF**.

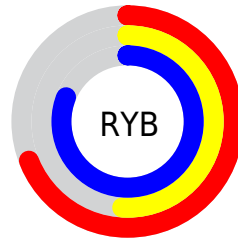
Distribution



Red (69%)

Green (51%)

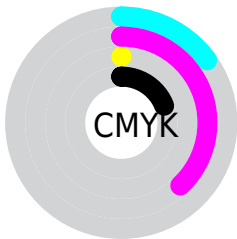
Blue (81%)



Red (69%)

Yellow (51%)

Blue (81%)

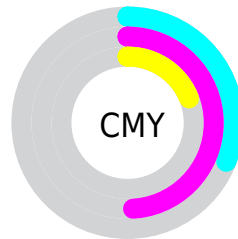


Cyan (15%)

Magenta (38%)

Yellow (0%)

Black (19%)



Cyan (31%)

Magenta (49%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF81CF 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 AF81CF by changing the saturation by 10% instead.

 AF81CF

 AF81CF

FFFFFF

 9467B3

 E8B7FF

 794F98

 FFD2FF

 5F377E

 FFEFFF

 462065

 2D084C

 1A0035

 00021F

 000002

 000000

 AF81CF

 AF81CF

 A76CCF

 B796CF

 9E58CF

 C0AACF

 9643CF

 C8BFCF

 8D2ECF

 D1D4CF

 8519CF

 D9E8CF

 7C05CF

 E2FDCF

 7A00CF

 EAFFCF

 F3FFCF

 FBFFCF

Harmonies

Analogous

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



7091E3



AF81CF



D474AB

Triad

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



AF81CF



BE8943



00A8A6

Complementary

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



AF81CF



A1CF81

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.



24A77B



AF81CF



999740

Square

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



AF81CF



D87A5C



6BA156



00A6CB

Rectangle

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



AF81CF



DF7090



6BA156



00A898

Sweetspot

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



AF81CF



F3E3FF



81A2CF



796F80



000000



808080

Same Dimension

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



AF81CF



D08CFF



CF81C9



645E69



6300A8



180029

Inverse Universe

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



CF81A1



FF8CBB



81CF87



695E62



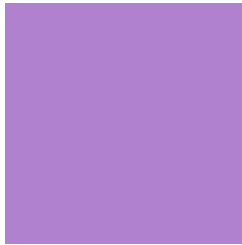
A80045



290011

Previews

White Background



This preview shows how the Hex color AF81CF looks on a white background.

Color Contrast Check

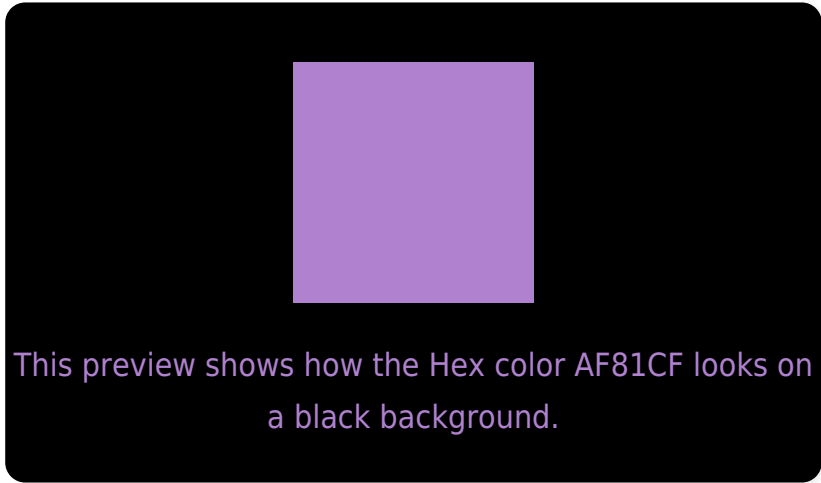
Large Text (above 18pt) WCAG AA ✓ Pass

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

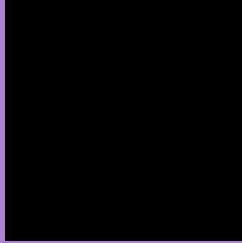
Any Text WCAG AA ✓ Pass

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 AF81CF Background



This preview shows how black text looks on a background with the Hex color AF81CF.

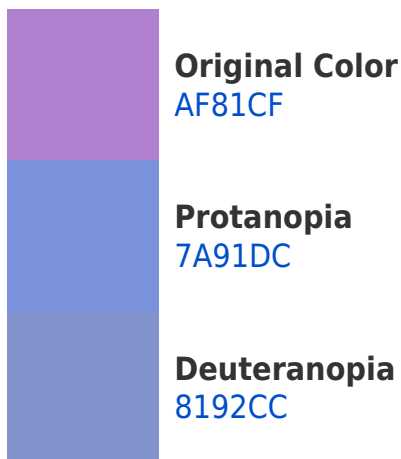



This preview shows how white text looks on a background with the Hex color AF81CF.

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](#).

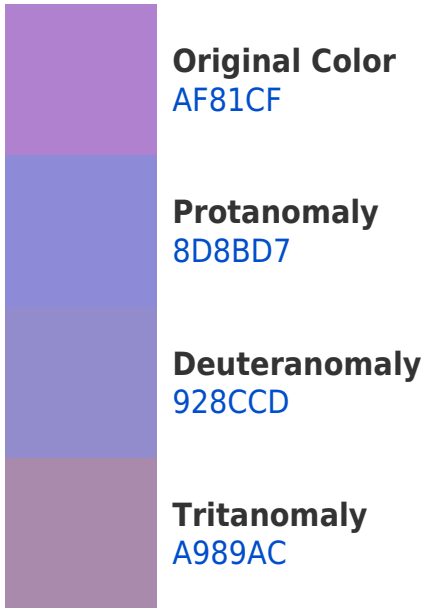
Dichromacy



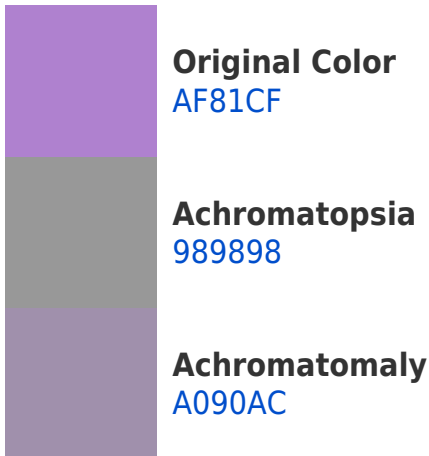


Tritanopia
A68D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF81CF 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 #AF81CF looks like.

```
.text, #text, p{  
    color:#AF81CF  
}
```

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 #AF81CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF81CF
}
```

Border

The CSS property to change the border of an element to Hex AF81CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

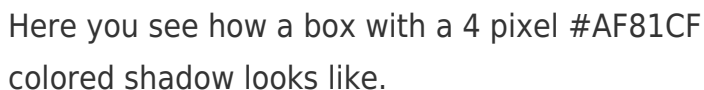
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF81CF }
```

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

```
.border{ border-color:#AF81CF }
```

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



Here you see how a box with a 4 pixel `#AF81CF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF81CF; -webkit-box-shadow:4px 4px  
4px 4px #AF81CF; box-shadow:4px 4px 4px  
4px #AF81CF }
```

Background

The CSS property to change the background color of an element to Hex AF81CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF81CF }
```

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

```
.background{ background-color:#AF81CF }
```

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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