

Converting Colors

Hex(AF7CCF)

Have a look what the booklet for
Hex(AF7CCF) contains.

Hex(AF7CCF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AF7CCF)

Conversions

Conversions Part 1

Format	Color
Hex	AF7CCF
RGB	175, 124, 207
RGB Percent	69%, 49%, 81%
CMY	0.3137, 0.5137, 0.1882
CMYK	0.15, 0.40, 0.00, 0.19
HSL	277°, 46%, 65%
HSV	277°, 40%, 81%
XYZ	36.1493, 28.0343, 62.5374
YIQ	148.7110, 3.7530, 36.6250

Conversions

Conversions Part 2

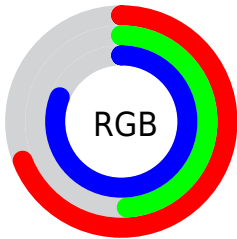
Format	Color
RYB	175, 124, 207
Decimal	11500751
CIELab	59.92, 35.02, -35.35
CIElCh	60, 49.763, 314.732
Yxy	28.0343, 0.2853, 0.2212
Android (android.graphics.Color)	4289690831 (0xFFAF7CCF)
YUV	148.7110, 28.7365, 23.0555
Hunter-Lab	52.9474, 29.2113, -32.9656

Details

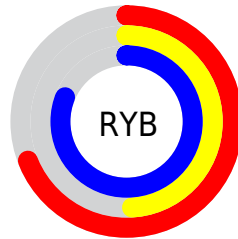
The Hex color **AF7CCF** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9CCF7C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E8B1FF**, and **794A98** is the 20% darker color. If you saturate the color by 10%, you get **A767CF**, and if you desaturate by 10%, it is **B791CF**.

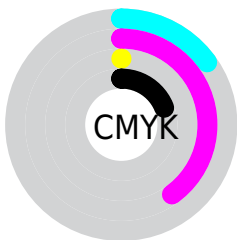
Distribution



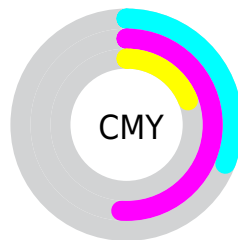
- Red (69%)
- Green (49%)
- Blue (81%)



- Red (69%)
- Yellow (49%)
- Blue (81%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF7CCF 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 AF7CCF by changing the saturation by 10% instead.

 AF7CCF

 AF7CCF

FFFFFF

 9462B3

 E8B1FF

 794A98

 FFCDFE

 5F327E

 FFEAFF

 461A65

 2D024C

 1A0035

 00021F

 000002

 000000

 AF7CCF

 AF7CCF

 A767CF

 B791CF

 9F53CF

 BFA5CF

 973ECF

 C7BACF

 8F29CF

 CFCFCF

 8714CF

 D7E4CF

 7F00CF

 DFF8CF

 E7FFCF

 EFFF CF

 F7FFCF

Harmonies

Analogous

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



6B8EE5



AF7CCF



D56DA9

Triad

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



AF7CCF



BC8639



00A6A5

Complementary

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



AF7CCF



9CCF7C

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.



00A578



AF7CCF



949537

Square

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



AF7CCF



D87655



639F4F



00A3CD

Rectangle

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



AF7CCF



E16A8B



639F4F



00A696

Sweetspot

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



AF7CCF



F3E0FF



7C9DCF



796E80



000000



808080

Same Dimension

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



AF7CCF



D085FF



CF7CC7



655E69



6700A8



190029

Inverse Universe

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



CF7C9C



FF85B4



7CCF84



695E62



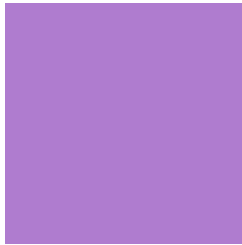
A80041



290010

Previews

White Background



This preview shows how the Hex color AF7CCF looks on a white background.

Color Contrast Check

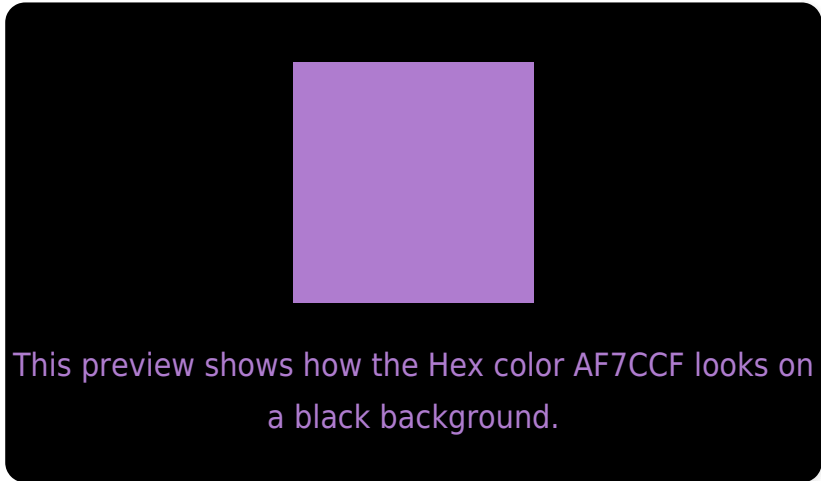
Large Text (above 18pt) WCAG AA ✓ Pass

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

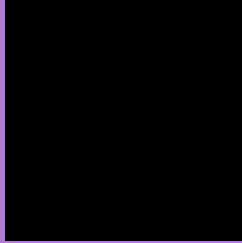
Any Text WCAG AA ✓ Pass

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 AF7CCF Background



This preview shows how black text looks on a background with the Hex color AF7CCF.

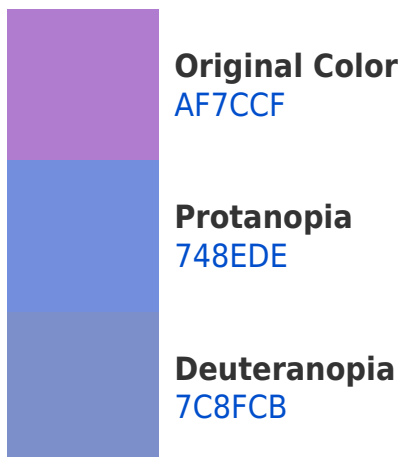


This preview shows how white text looks on a background with the Hex color AF7CCF.

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](#).

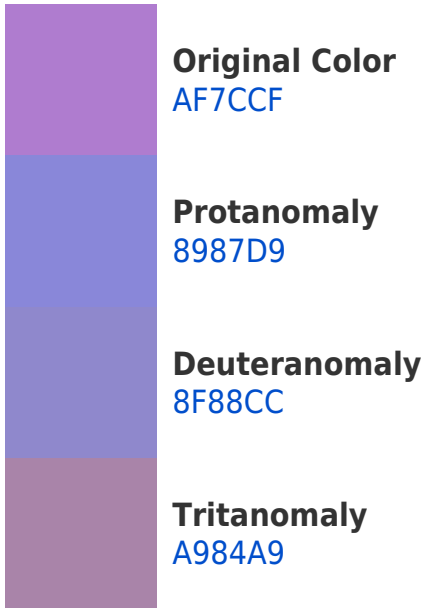
Dichromacy



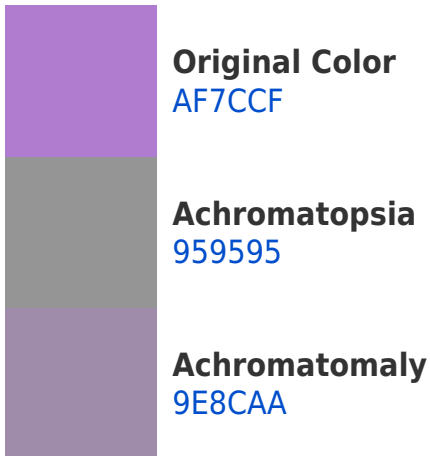


Tritanopia
A68993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF7CCF 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 #AF7CCF looks like.

```
.text, #text, p{  
    color:#AF7CCF  
}
```

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 #AF7CCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF7CCF
}
```

Border

The CSS property to change the border of an element to Hex AF7CCF 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
#AF7CCF }
```

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

```
.border{ border-color:#AF7CCF }
```

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

Here you see how a box with a 4 pixel #AF7CCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF7CCF; -webkit-box-shadow:4px 4px  
4px 4px #AF7CCF; box-shadow:4px 4px 4px  
4px #AF7CCF }
```

Background

The CSS property to change the background color of an element to Hex AF7CCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF7CCF }
```

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

```
.background{ background-color:#AF7CCF }
```

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