

# Converting Colors

Hex(A7A6CF)

Have a look what the booklet for  
Hex(A7A6CF) contains.

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# **Color**

**Hex(A7A6CF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A7A6CF                      |
| RGB         | 167, 166, 207               |
| RGB Percent | 65%, 65%, 81%               |
| CMY         | 0.3451, 0.3490, 0.1882      |
| CMYK        | 0.19, 0.20, 0.00, 0.19      |
| HSL         | 241°, 30%, 73%              |
| HSV         | 241°, 20%, 81%              |
| XYZ         | 40.8351, 39.9929, 64.5987   |
| YIQ         | 170.9730, -12.5650, 12.9630 |

# Conversions

## Conversions Part 2

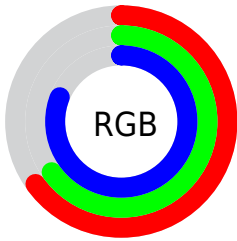
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 167, 166, 207                 |
| Decimal                             | 10987215                      |
| CIELab                              | 69.46, 8.90, -20.70           |
| CIElCh                              | 69, 22.535, 293.269           |
| Yxy                                 | 39.9929, 0.2808,<br>0.2750    |
| Android<br>(android.graphics.Color) | 4289177295<br>(0xFFA7A6CF)    |
| YUV                                 | 170.9730, 17.7613,<br>-3.4843 |
| Hunter-Lab                          | 63.2400, 4.5904,<br>-16.2959  |

# Details

The Hex color **A7A6CF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CECFA6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **DFDDFF**, and **727299** is the 20% darker color. If you saturate the color by 10%, you get **9391CF**, and if you desaturate by 10%, it is **BBBBCF**.

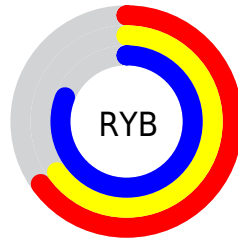
# Distribution



Red (65%)

Green (65%)

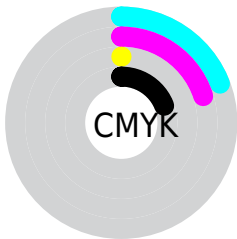
Blue (81%)



Red (65%)

Yellow (65%)

Blue (81%)

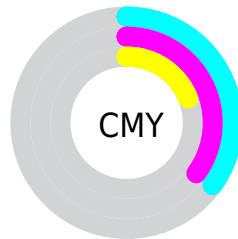


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (35%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A6CF 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 A7A6CF by changing the saturation by 10% instead.



 A7A6CF

 A7A6CF

FFFFFF

 8C8CB3

 DFDDFF

 727299

 FBF AFF

 595A7F

 414265

 2A2C4D

 131836

 000021

 000006

 000000

 A7A6CF

 A7A6CF

 9391CF

 BBBBCF

 7F7DCF

 CFCFCF

 6A68CF

 E4E4CF

 5653CF

 F8F9CF

 423FCF

 FFFFCF

 2E2ACF

 1A15CF

 0500CF

# Harmonies

## Analogous

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



8BADD2



A7A6CF



C09FC2

# Triad

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



A7A6CF



CDA08A



7CB5A4

# Complementary

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



A7A6CF



CECFA6

# 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.



91B291



A7A6CF



BDA781

# Square

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



A7A6CF



D49C9A



A8AD84



70B5B9

# Rectangle

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



A7A6CF



CB9CB6



A8AD84



82B49D



# Sweetspot

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



A7A6CF



F0F0FF



A6CECF



777780



000000



808080



# Same Dimension

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



A7A6CF



C3C2FF



BBA6CF



5E5E69



0400A8



010029



# Inverse Universe

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



CFA6CE



FFC2FE



BACFA6



695E68



A800A4



290028



# Previews

## White Background



This preview shows how the Hex color A7A6CF looks on a white background.

## Color Contrast Check

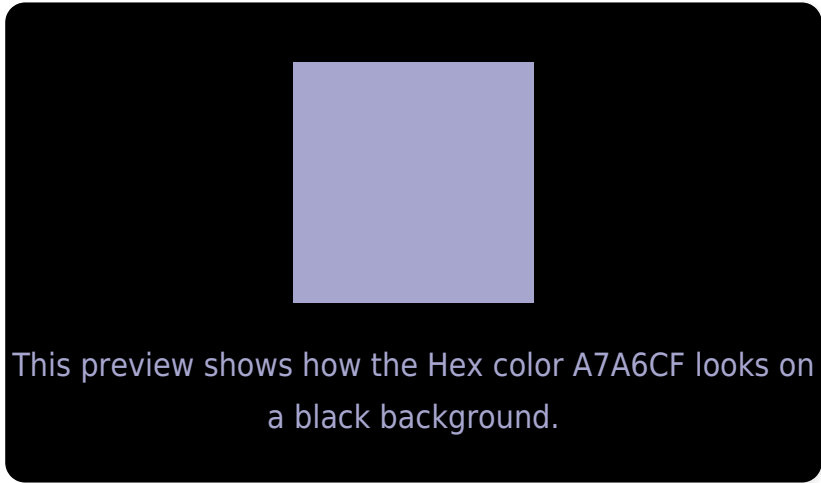
Large Text (above 18pt) WCAG AA × Fail

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

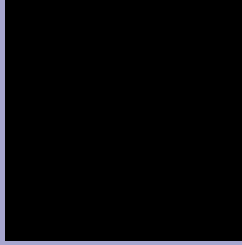
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7A6CF Background



This preview shows how black text looks on a background with the Hex color A7A6CF.



This preview shows how white text looks on a background with the Hex color A7A6CF.

# 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



**Original Color**  
A7A6CF

**Protanopia**  
A0A8D0

**Deuteranopia**  
A7A6CF



**Tritanopia**  
A3AAB8

# Trichromacy



**Original Color**  
A7A6CF

**Protanomaly**  
A3A7D0

**Deuteranomaly**  
A7A6CF

**Tritanomaly**  
A4A9C0

# Monochromacy



**Original Color**  
A7A6CF

**Achromatopsia**  
ABABAB

**Achromatomaly**  
AAA9B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A6CF 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 #A7A6CF looks like.

```
.text, #text, p{  
    color:#A7A6CF  
}
```

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 #A7A6CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A6CF
}
```

## Border

The CSS property to change the border of an element to Hex A7A6CF 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
#A7A6CF }
```

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

```
.border{ border-color:#A7A6CF }
```

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

Here you see how a box with a 4 pixel #A7A6CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A6CF; -webkit-box-shadow:4px 4px  
4px 4px #A7A6CF; box-shadow:4px 4px 4px  
4px #A7A6CF }
```

# Background

The CSS property to change the background color of an element to Hex A7A6CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A6CF }
```

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

```
.background{ background-color:#A7A6CF }
```

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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