

# Converting Colors

Hex(A7A4C6)

Have a look what the booklet for  
Hex(A7A4C6) contains.

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# **Color**

**Hex(A7A4C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7A4C6
RGB	167, 164, 198
RGB Percent	65%, 64%, 78%
CMY	0.3451, 0.3569, 0.2235
CMYK	0.16, 0.17, 0.00, 0.22
HSL	245°, 23%, 71%
HSV	245°, 17%, 78%
XYZ	39.4049, 38.8436, 58.8468
YIQ	168.7730, -9.1260, 11.2100

# Conversions

## Conversions Part 2

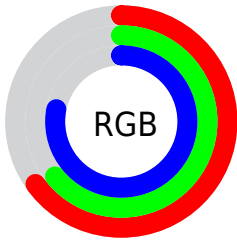
Format	Color
R <sub>Y</sub> B	167, 164, 198
Decimal	10986694
CIE Lab	68.64, 8.01, -16.98
CIE LCh	69, 18.777, 295.246
Yxy	38.8436, 0.2874, 0.2833
Android (android.graphics.Color)	4289176774 (0xFFA7A4C6)
YUV	168.7730, 14.4089, -1.5549
Hunter-Lab	62.3247, 3.7887, -12.3542

# Details

The Hex color **A7A4C6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3C6A4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DEDBFF**, and **737090** is the 20% darker color. If you saturate the color by 10%, you get **9590C6**, and if you desaturate by 10%, it is **B9B8C6**.

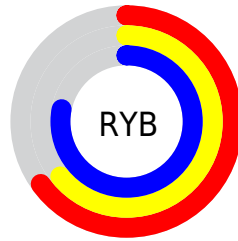
# Distribution



Red (65%)

Green (64%)

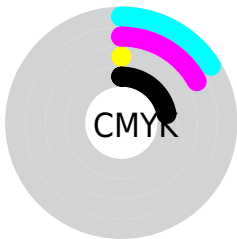
Blue (78%)



Red (65%)

Yellow (64%)

Blue (78%)

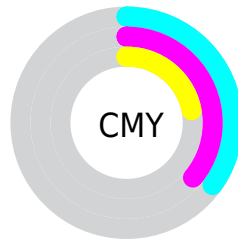


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (36%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A4C6 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 A7A4C6 by changing the saturation by 10% instead.



 A7A4C6

 A7A4C6

FFFFFF

 8C8AAB

 DEDBFF

 737090

 FBF7FF

 5A5876

 42415E

 2B2B46

 15162F

 00001B

 000000

 A7A4C6

 A7A4C6

9590C6

B9B8C6

837CC6

CBCCC6

7169C6

DDDFC6

5F55C6

EFF3C6

4D41C6

FFFFC6

3B2DC6

2919C6

1706C6

1100C6

# Harmonies

## Analogous

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



91AAC9



A7A4C6



BB9FBB

# Triad

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



A7A4C6



C5A08C



81B1A4

# Complementary

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



A7A4C6



C3C6A4

# 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.



92AF94



A7A4C6



B7A586

# Square

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



A7A4C6



CB9C9A



A5AB89



79B1B5

# Rectangle

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



A7A4C6



C49CB1



A5AB89



86B19E



# Sweetspot

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



A7A4C6



F3F2FF



A4C3C6



797880



000000



808080



# Same Dimension

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



A7A4C6



CEC9FF



B8A4C6



5A5A63



0E00A3



030024



# Inverse Universe

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



C6A4C3



FFC9FA



B2C6A4



635A63



A30095

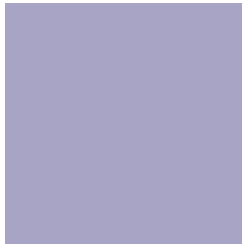


240021



# Previews

## White Background



This preview shows how the Hex color A7A4C6 looks on a white background.

## Color Contrast Check

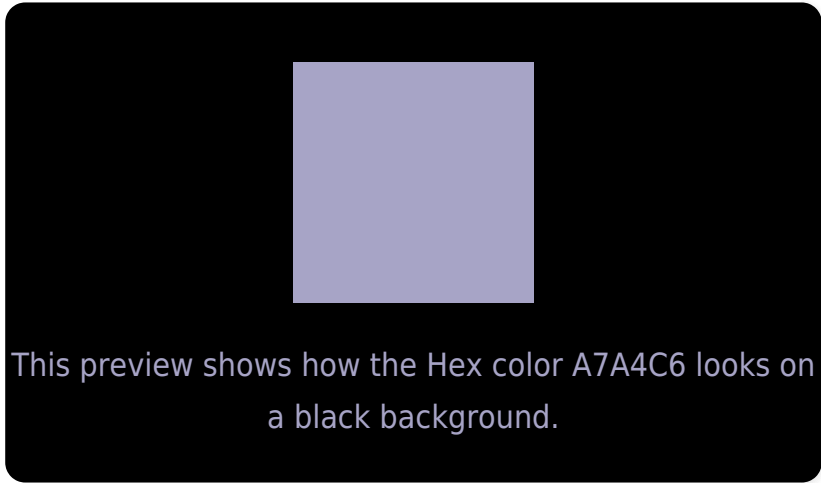
Large Text (above 18pt) WCAG AA × Fail

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

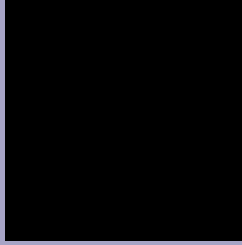
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7A4C6 Background



This preview shows how black text looks on a background with the Hex color A7A4C6.



This preview shows how white text looks on a background with the Hex color A7A4C6.

# 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**  
A7A4C6

**Protanopia**  
A0A6C7

**Deuteranopia**  
A9A3C6



**Tritanopia**  
A4A7B4

# Trichromacy



**Original Color**

A7A4C6

**Protanomaly**

A3A5C7

**Deuteranomaly**

A8A3C6

**Tritanomaly**

A5A6BB

# Monochromacy



**Original Color**

A7A4C6

**Achromatopsia**

A9A9A9

**Achromatomaly**

A8A7B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A4C6 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 #A7A4C6 looks like.

```
.text, #text, p{  
    color:#A7A4C6  
}
```

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 #A7A4C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A4C6
}
```

## Border

The CSS property to change the border of an element to Hex A7A4C6 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
#A7A4C6 }
```

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

```
.border{ border-color:#A7A4C6 }
```

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

Here you see how a box with a 4 pixel #A7A4C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A4C6; -webkit-box-shadow:4px 4px  
4px 4px #A7A4C6; box-shadow:4px 4px 4px  
4px #A7A4C6 }
```

# Background

The CSS property to change the background color of an element to Hex A7A4C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A4C6 }
```

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

```
.background{ background-color:#A7A4C6 }
```

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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