

# Converting Colors

Hex(A7A3C7)

Have a look what the booklet for  
Hex(A7A3C7) contains.

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# **Color**

**Hex(A7A3C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7A3C7
RGB	167, 163, 199
RGB Percent	65%, 64%, 78%
CMY	0.3451, 0.3608, 0.2196
CMYK	0.16, 0.18, 0.00, 0.22
HSL	247°, 24%, 71%
HSV	247°, 18%, 78%
XYZ	39.3423, 38.5334, 59.3970
YIQ	168.3000, -9.1720, 12.0440

# Conversions

## Conversions Part 2

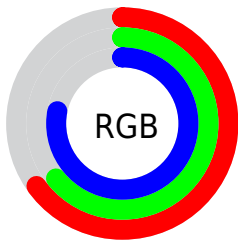
Format	Color
R <sub>Y</sub> B	167, 163, 199
Decimal	10986439
CIE Lab	68.41, 8.79, -17.88
CIE LCh	68, 19.921, 296.167
Yxy	38.5334, 0.2866, 0.2807
Android (android.graphics.Color)	4289176519 (0xFFA7A3C7)
YUV	168.3000, 15.1351, -1.1401
Hunter-Lab	62.0753, 4.4988, -13.2792

# Details

The Hex color **A7A3C7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3C7A3**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DEDAFF**, and **736F91** is the 20% darker color. If you saturate the color by 10%, you get **958FC7**, and if you desaturate by 10%, it is **B9B7C7**.

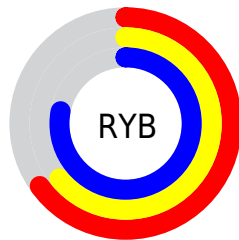
# Distribution



Red (65%)

Green (64%)

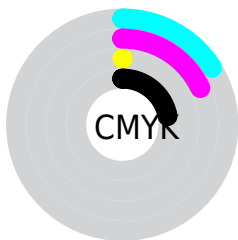
Blue (78%)



Red (65%)

Yellow (64%)

Blue (78%)

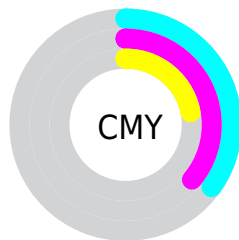


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (36%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A3C7 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 A7A3C7 by changing the saturation by 10% instead.



 A7A3C7

 A7A3C7

FFFFFF

 8C89AC

 DEDAFF

 736F91

 FBF6FF

 5A5777

 42405E

 2B2A47

 151630

 00001B

 000000

 A7A3C7

 A7A3C7

958FC7

B9B7C7

847BC7

CACBC7

7267C7

DCDFC7

6053C7

EEF3C7

4F40C7

FFFFC7

3D2CC7

2B18C7

1904C7

1600C7

# Harmonies

## Analogous

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



8FA9CA



A7A3C7



BC9DBB

# Triad

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



A7A3C7



C59F8A



7EB1A4

# Complementary

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



A7A3C7



C3C7A3

# 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.



8FAF92



A7A3C7



B7A583

# Square

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



A7A3C7



CC9B98



A4AB86



75B1B6

# Rectangle

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



A7A3C7



C69BB0



A4AB86



83B19E



# Sweetspot

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



A7A3C7



F4F2FF



A3C3C7



797880



000000



808080



# Same Dimension

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



A7A3C7



CDC7FF



B9A3C7



5B5A63



1200A3



040024



# Inverse Universe

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



C7A3C3



FFC7F9



B1C7A3



635A62



A30091



240020



# Previews

## White Background



This preview shows how the Hex color A7A3C7 looks on a white background.

## Color Contrast Check

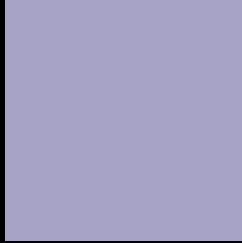
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A7A3C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

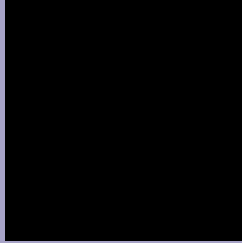
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7A3C7 Background



This preview shows how black text looks on a background with the Hex color A7A3C7.



This preview shows how white text looks on a background with the Hex color A7A3C7.

# 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**  
A7A3C7

**Protanopia**  
9FA5C9

**Deuteranopia**  
A7A3C7



**Tritanopia**  
A4A6B4

# Trichromacy



**Original Color**  
A7A3C7

**Protanomaly**  
A2A4C8

**Deuteranomaly**  
A7A3C7

**Tritanomaly**  
A5A5BB

# Monochromacy



**Original Color**  
A7A3C7

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
A8A6B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A3C7 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 #A7A3C7 looks like.

```
.text, #text, p{  
    color:#A7A3C7  
}
```

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 #A7A3C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A3C7
}
```

## Border

The CSS property to change the border of an element to Hex A7A3C7 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
#A7A3C7 }
```

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

```
.border{ border-color:#A7A3C7 }
```

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

Here you see how a box with a 4 pixel #A7A3C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A3C7; -webkit-box-shadow:4px 4px  
4px 4px #A7A3C7; box-shadow:4px 4px 4px  
4px #A7A3C7 }
```

# Background

The CSS property to change the background color of an element to Hex A7A3C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A3C7 }
```

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

```
.background{ background-color:#A7A3C7 }
```

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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