

# Converting Colors

Hex(A771A0)

Have a look what the booklet for  
Hex(A771A0) contains.

<b>Hex(A771A0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A771A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A771A0
RGB	167, 113, 160
RGB Percent	65%, 44%, 63%
CMY	0.3451, 0.5569, 0.3725
CMYK	0.00, 0.32, 0.04, 0.35
HSL	308°, 23%, 55%
HSV	308°, 32%, 65%
XYZ	28.1866, 22.5638, 36.1274
YIQ	134.5040, 17.0970, 26.0650

# Conversions

## Conversions Part 2

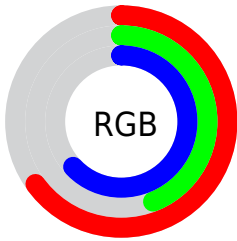
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 113, 160
Decimal	10973600
CIELab	54.62, 29.03, -16.70
CIELCh	55, 33.493, 330.092
Yxy	22.5638, 0.3244, 0.2597
Android (android.graphics.Color)	4289163680 (0xFFA771A0)
YUV	134.5040, 12.5695, 28.4990
Hunter-Lab	47.5014, 22.7919, -11.8423

# Details

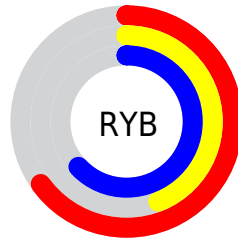
The Hex color **A771A0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71A778**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **DFA6D7**, and **72406C** is the 20% darker color. If you saturate the color by 10%, you get **A7609E**, and if you desaturate by 10%, it is **A782A2**.

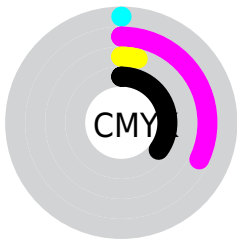
# Distribution



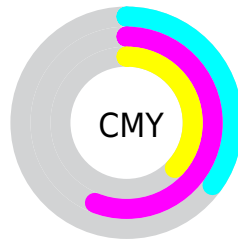
- Red (65%)
- Green (44%)
- Blue (63%)



- Red (65%)
- Yellow (44%)
- Blue (63%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (35%)



- Cyan (35%)
- Magenta (56%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A771A0 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 A771A0 by changing the saturation by 10% instead.



 A771A0

 A771A0

FFFFFF

 8C5886

 DFA6D7

 72406C

 FCC1F3

 592854

 FFDDFF

 40113D

 FFFAFF

 2A0027

 070011

 000000

 A771A0

 A771A0

 A7609E

 A782A2

 A7509C

 A792A4

 A73F9A

 A7A3A6

 A72E97

 A7B4A9

 A71D95

 A7C4AB

 A70D93

 A7D5AD

 A70091

 A7E6AF

 A7F7B1

 A7FFB3

# Harmonies

## Analogous

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



867BB5



A771A0



B86C84

# Triad

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



A771A0



958148



00919F

# Complementary

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



A771A0



71A778

# 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.



279282



A771A0



778A4F

# Square

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



A771A0



AC7751



548F65



148DB4

# Rectangle

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



A771A0



BB6D70



548F65



009296



# Sweetspot

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



A771A0



D9C3D6



7771A7



6E606C



EDEDED



6E6E6E



# Same Dimension

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



A771A0



D984CE



A77186



544C53



940081



140012



# Inverse Universe

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



A771A0



D984CE



71A792



544C53



940081

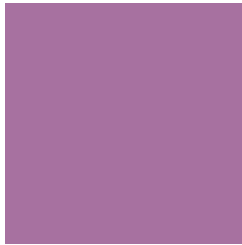


140012



# Previews

## White Background



This preview shows how the Hex color A771A0 looks on a white background.

## Color Contrast Check

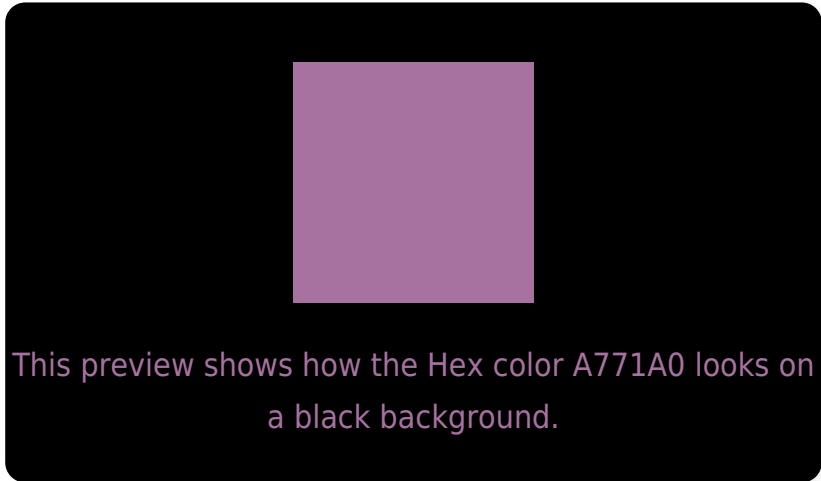
Large Text (above 18pt) WCAG AA ✓ Pass

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

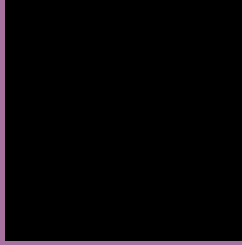
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A771A0 Background



This preview shows how black text looks on a background with the Hex color A771A0.

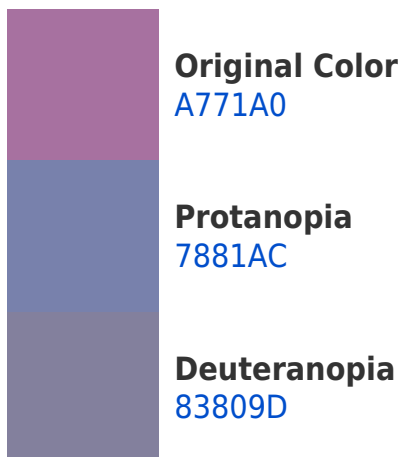


This preview shows how white text looks on a background with the Hex color A771A0.

# 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](#).

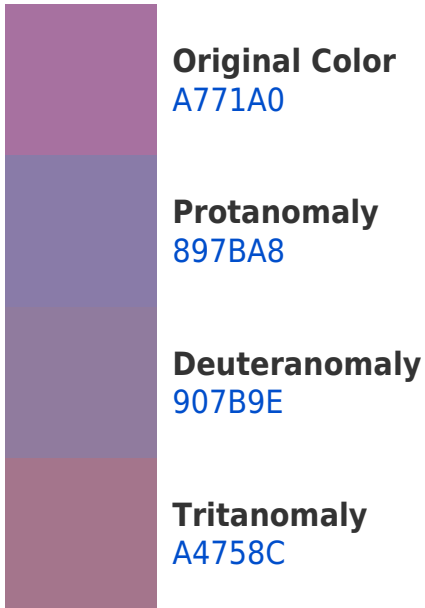
## Dichromacy



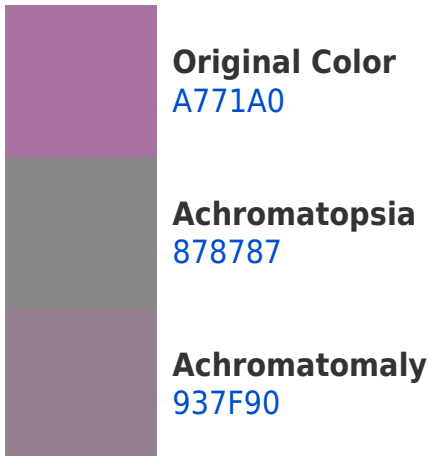


**Tritanopia**  
A37780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A771A0 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 #A771A0 looks like.

```
.text, #text, p{  
    color:#A771A0  
}
```

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 #A771A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A771A0
}
```

## Border

The CSS property to change the border of an element to Hex A771A0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

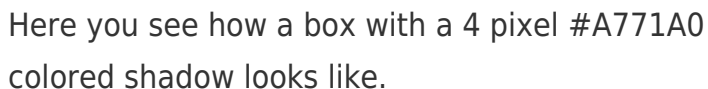
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A771A0 }
```

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

```
.border{ border-color:#A771A0 }
```

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



Here you see how a box with a 4 pixel #A771A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A771A0; -webkit-box-shadow:4px 4px  
4px 4px #A771A0; box-shadow:4px 4px 4px  
4px #A771A0 }
```

# Background

The CSS property to change the background color of an element to Hex A771A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A771A0 }
```

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

```
.background{ background-color:#A771A0 }
```

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