

# Converting Colors

Hex(A771AE)

Have a look what the booklet for  
Hex(A771AE) contains.

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# Color

**Hex(A771AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A771AE
RGB	167, 113, 174
RGB Percent	65%, 44%, 68%
CMY	0.3451, 0.5569, 0.3176
CMYK	0.04, 0.35, 0.00, 0.32
HSL	293°, 27%, 56%
HSV	293°, 35%, 68%
XYZ	29.4815, 23.0817, 42.9458
YIQ	136.1000, 12.6030, 30.4190

# Conversions

## Conversions Part 2

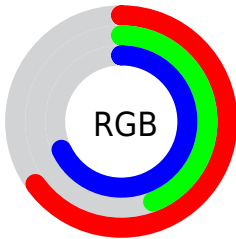
Format	Color
<a href="#">RYB</a>	<a href="#">167, 113, 174</a>
Decimal	<a href="#">10973614</a>
CIELab	<a href="#">55.16, 31.75, -23.99</a>
CIELCh	<a href="#">55, 39.795, 322.927</a>
Yxy	<a href="#">23.0817, 0.3087, 0.2417</a>
Android (android.graphics.Color)	<a href="#">4289163694 (0xFFA771AE)</a>
YUV	<a href="#">136.1000, 18.6847, 27.0993</a>
Hunter-Lab	<a href="#">48.0435, 25.4590, -19.3686</a>

# Details

The Hex color **A771AE** is a light color, and the websafe version is hex **996699**. A complement of this color would be **78AE71**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **DFA6E6**, and **724079** is the 20% darker color. If you saturate the color by 10%, you get **A560AE**, and if you desaturate by 10%, it is **A982AE**.

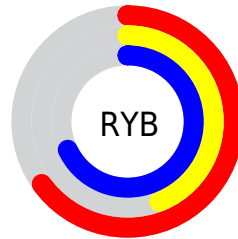
# Distribution



Red (65%)

Green (44%)

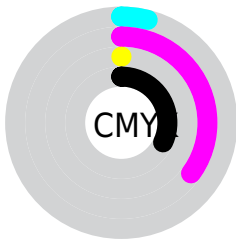
Blue (68%)



Red (65%)

Yellow (44%)

Blue (68%)

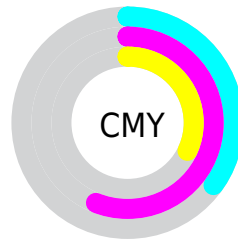


Cyan (4%)

Magenta (35%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (56%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A771AE 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 A771AE by changing the saturation by 10% instead.



 A771AE

 A771AE

FFFFFF

 8C5893

 DFA6E6

 724079

 FCC1FF

 582860

 FFDDFF

 401048

 FFFAFF

 290032

 0A001C

 000000

 A771AE

 A771AE

 A560AE

 A982AE

 A34EAE

 AB94AE

 A13DAE

 ADA5AE

 9F2BAE

 AFB7AE

 9D1AAE

 B1C8AE

 9B09AE

 B3D9AE

 9A00AE

 B5EBAE

 B7FCAE

 B9FFAE

# Harmonies

## Analogous

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



7A7EC4



A771AE



C0688E

# Triad

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



A771AE



A07F3E



00969E

# Complementary

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



A771AE



78AE71

# 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.



0E957A



A771AE



7F8A42

# Square

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



A771AE



B9734E



569159



0092BA

# Rectangle

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



A771AE



C56876



569159



009692



# Sweetspot

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



A771AE



E0CAE3



7178AE



716473



F2F2F2



737373



# Same Dimension

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



A771AE



D884E3



AE7197



564E57



850096



140017



# Inverse Universe

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



AE7178



E3848F



71AE88



574E4F



960011



170003



# Previews

## White Background



This preview shows how the Hex color A771AE looks on a white background.

## Color Contrast Check

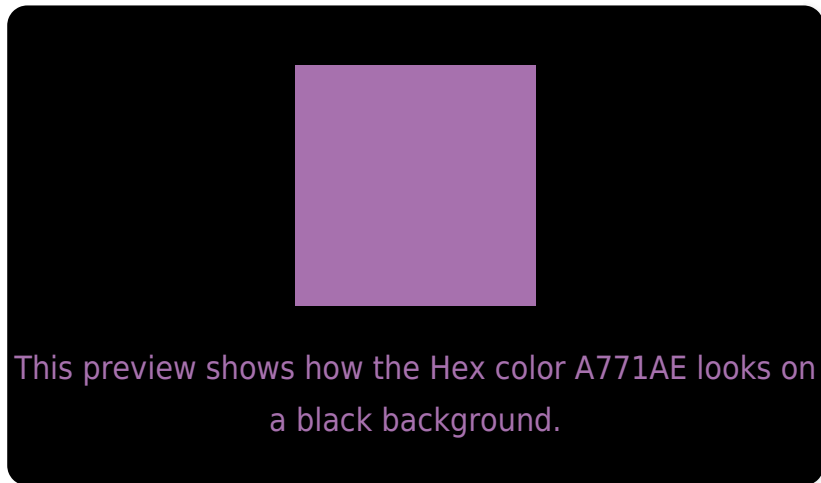
Large Text (above 18pt) WCAG AA ✓ Pass

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

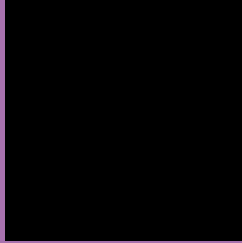
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A771AE Background



This preview shows how black text looks on a background with the Hex color A771AE.

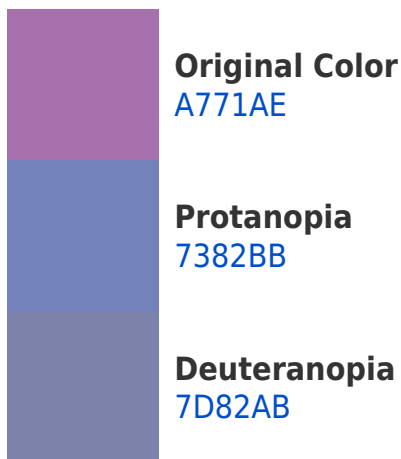



This preview shows how white text looks on a background with the Hex color A771AE.

# 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**  
A17A83

# Trichromacy



**Original Color**  
A771AE

**Protanomaly**  
867CB6

**Deuteranomaly**  
8C7CAC

**Tritanomaly**  
A37793

# Monochromacy



**Original Color**  
A771AE

**Achromatopsia**  
888888

**Achromatomaly**  
938096

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A771AE 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 #A771AE looks like.

```
.text, #text, p{  
    color:#A771AE  
}
```

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 #A771AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A771AE
}
```

## Border

The CSS property to change the border of an element to Hex A771AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

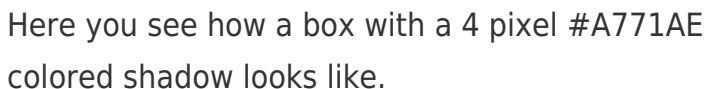
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A771AE }
```

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

```
.border{ border-color:#A771AE }
```

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



Here you see how a box with a 4 pixel #A771AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A771AE; -webkit-box-shadow:4px 4px  
4px 4px #A771AE; box-shadow:4px 4px 4px  
4px #A771AE }
```

# Background

The CSS property to change the background color of an element to Hex A771AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A771AE }
```

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

```
.background{ background-color:#A771AE }
```

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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