

Converting Colors

Hex(A77DCA)

Have a look what the booklet for
Hex(A77DCA) contains.

Hex(A77DCA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A77DCA)

Conversions

Conversions Part 1

Format	Color
Hex	A77DCA
RGB	167, 125, 202
RGB Percent	65%, 49%, 79%
CMY	0.3451, 0.5098, 0.2078
CMYK	0.17, 0.38, 0.00, 0.21
HSL	273°, 42%, 64%
HSV	273°, 38%, 79%
XYZ	33.9306, 27.1470, 59.3287
YIQ	146.3360, 0.3150, 32.8510

Conversions

Conversions Part 2

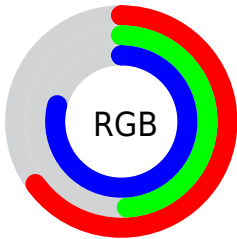
Format	Color
RYB	167, 125, 202
Decimal	10976714
CIELab	59.11, 30.94, -33.85
CIELCh	59, 45.866, 312.428
Yxy	27.1470, 0.2818, 0.2255
Android (android.graphics.Color)	4289166794 (0xFFA77DCA)
YUV	146.3360, 27.4424, 18.1223
Hunter-Lab	52.1028, 25.0638, -31.0407

Details

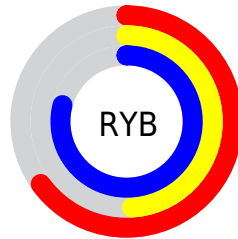
The Hex color **A77DCA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A0CA7D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **DFB2FF**, and **724B94** is the 20% darker color. If you saturate the color by 10%, you get **9E69CA**, and if you desaturate by 10%, it is **B091CA**.

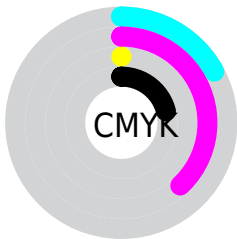
Distribution



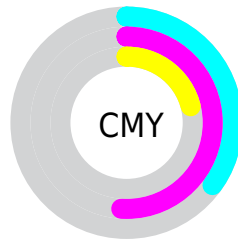
- Red (65%)
- Green (49%)
- Blue (79%)



- Red (65%)
- Yellow (49%)
- Blue (79%)



- Cyan (17%)
- Magenta (38%)
- Yellow (0%)
- Black (21%)



- Cyan (35%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color A77DCA 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 A77DCA by changing the saturation by 10% instead.

 A77DCA

 A77DCA

FFFFFF

 8C64AE

 DFB2FF

 724B94

 FCCEFF

 58347A

 FFEAFF

 3F1D60

 260648

 140031

 00011B

 000000

 A77DCA

 A77DCA

9E69CA

B091CA

9555CA

B9A5CA

8B40CA

C3BACA

822CCA

CCCECA

7918CA

D5E2CA

7004CA

DEF6CA

6E00CA

E7FFCA

F0FFCA

FAFFCA

Harmonies

Analogous

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



688DDD



A77DCA



CC6FA8

Triad

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



A77DCA



B98440



00A39E

Complementary

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



A77DCA



A0CA7D

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.



25A175



A77DCA



96913C

Square

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



A77DCA



D2755A



699B50



00A0C4

Rectangle

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



A77DCA



D86C8D



699B50



00A390

Sweetspot

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



A77DCA



F2E3FF



7DA1CA



786F80



000000



808080

Same Dimension

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



A77DCA



CA8AFF



CA7DC7



615C66



5A00A6



150026

Inverse Universe

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



CA7DA0



FF8ABF



7DCA80



665C60



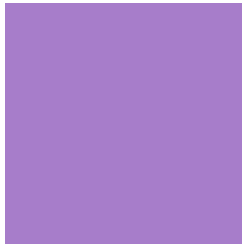
A6004B



260011

Previews

White Background



This preview shows how the Hex color A77DCA looks on a white background.

Color Contrast Check

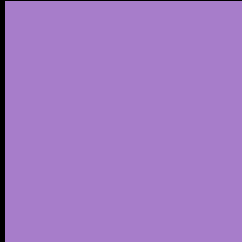
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color A77DCA 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 × Fail

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

Hex A77DCA Background



This preview shows how black text looks on a background with the Hex color A77DCA.

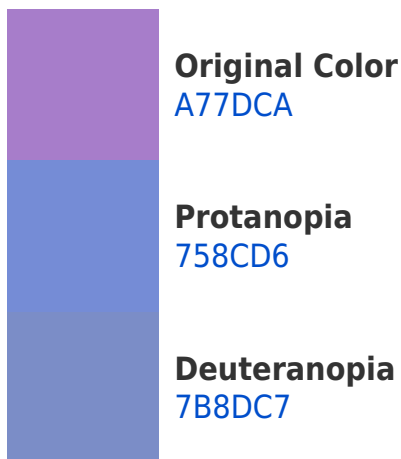


This preview shows how white text looks on a background with the Hex color A77DCA.

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](#).

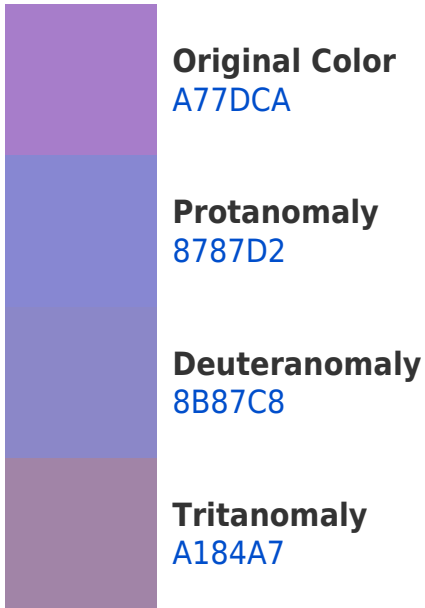
Dichromacy



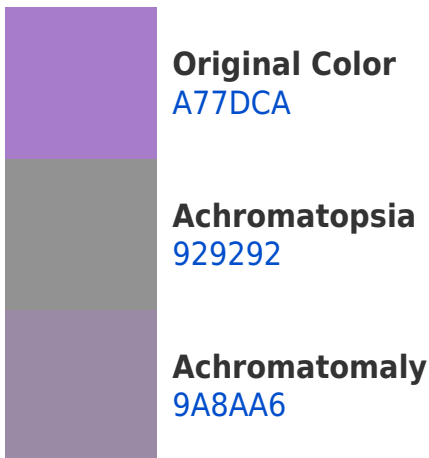


Tritanopia
9E8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A77DCA 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 #A77DCA looks like.

```
.text, #text, p{  
    color:#A77DCA  
}
```

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 #A77DCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A77DCA
}
```

Border

The CSS property to change the border of an element to Hex A77DCA 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
#A77DCA }
```

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

```
.border{ border-color:#A77DCA }
```

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

Here you see how a box with a 4 pixel #A77DCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A77DCA; -webkit-box-shadow:4px 4px  
4px 4px #A77DCA; box-shadow:4px 4px 4px  
4px #A77DCA }
```

Background

The CSS property to change the background color of an element to Hex A77DCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A77DCA }
```

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

```
.background{ background-color:#A77DCA }
```

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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