

Converting Colors

Hex(A781C0)

Have a look what the booklet for
Hex(A781C0) contains.

Hex(A781C0)	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(A781C0)

Conversions

Conversions Part 1

Format	Color
Hex	A781C0
RGB	167, 129, 192
RGB Percent	65%, 51%, 75%
CMY	0.3451, 0.4941, 0.2471
CMYK	0.13, 0.33, 0.00, 0.25
HSL	276°, 33%, 63%
HSV	276°, 33%, 75%
XYZ	33.3010, 27.7218, 53.4649
YIQ	147.5440, 2.4250, 27.6490

Conversions

Conversions Part 2

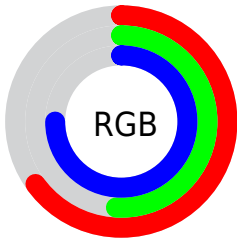
Format	Color
RYB	167, 129, 192
Decimal	10977728
CIELab	59.64, 26.47, -27.38
CIELCh	60, 38.079, 314.032
Yxy	27.7218, 0.2909, 0.2421
Android (android.graphics.Color)	4289167808 (0xFFA781C0)
YUV	147.5440, 21.9168, 17.0629
Hunter-Lab	52.6515, 20.7577, -23.3499

Details

The Hex color **A781C0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9AC081**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **DFB6F9**, and **724F8A** is the 20% darker color. If you saturate the color by 10%, you get **9F6EC0**, and if you desaturate by 10%, it is **AF94C0**.

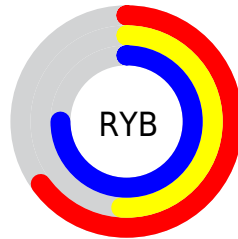
Distribution



Red (65%)

Green (51%)

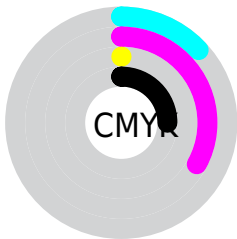
Blue (75%)



Red (65%)

Yellow (51%)

Blue (75%)

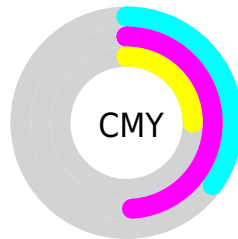


Cyan (13%)

Magenta (33%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color A781C0 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 A781C0 by changing the saturation by 10% instead.

 A781C0

 A781C0

FFFFFF

 8C68A5

 DFB6F9

 724F8A

 FCD2FF

 593871

 FFEEFF

 402158

 290B40

 17002A

 000114

 000000

 A781C0

 A781C0

9F6EC0

AF94C0

985BC0

B6A7C0

9047C0

BEBBC0

8934C0

C5CEC0

8121C0

CDE1C0

790EC0

D5F4C0

7400C0

DCFFC0

E4FFC0

ECFFC0

Harmonies

Analogous

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



778ED0



A781C0



C577A3

Triad

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



A781C0



B4874F



00A19F

Complementary

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



A781C0



9AC081

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.



42A07C



A781C0



95934D

Square

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



A781C0



C97C63



709B5E



009FBD

Rectangle

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



A781C0



CF758C



709B5E



09A193

Sweetspot

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



A781C0



F0E1FA



819AC0



776E7D



FCFCFC



7D7D7D

Same Dimension

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



A781C0



D398FA



C081BA



5D5761



6100A1



140021

Inverse Universe

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



C0819A



FA98BF



81C087



61575B



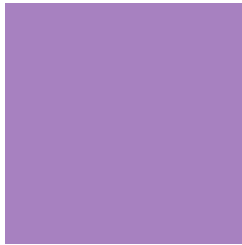
A10040



21000D

Previews

White Background



This preview shows how the Hex color A781C0 looks on a white background.

Color Contrast Check

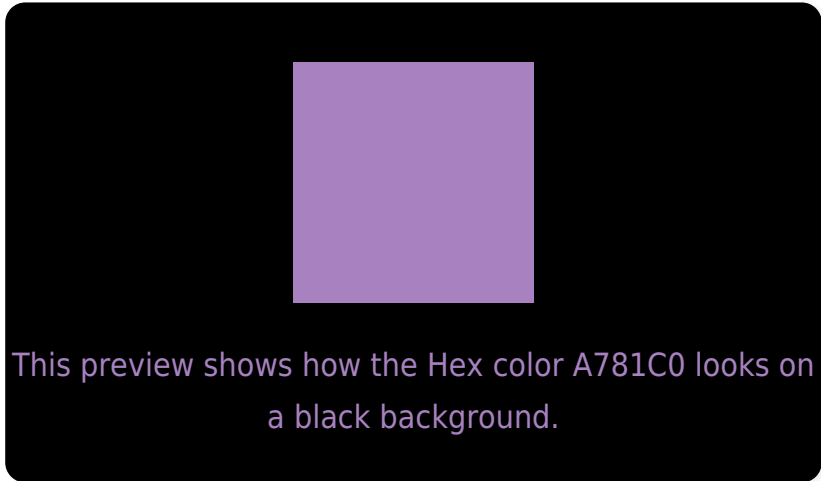
Large Text (above 18pt) WCAG AA ✓ Pass

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 A781C0 Background



This preview shows how black text looks on a background with the Hex color A781C0.

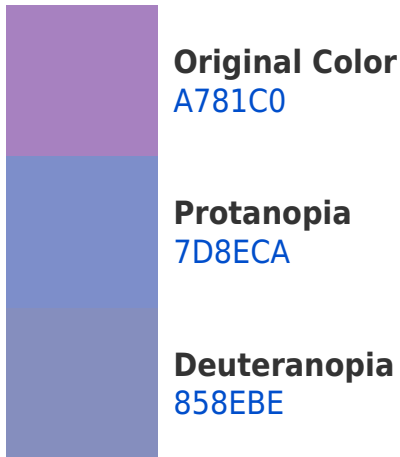



This preview shows how white text looks on a background with the Hex color A781C0.

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](#).

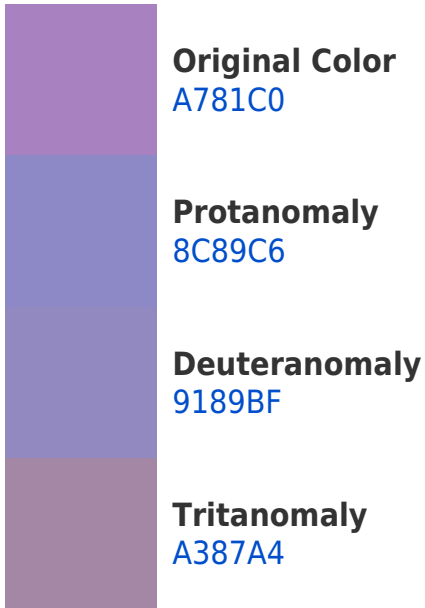
Dichromacy





Tritanopia
A08A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A781C0 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 #A781C0 looks like.

```
.text, #text, p{  
    color:#A781C0  
}
```

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 #A781C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A781C0
}
```

Border

The CSS property to change the border of an element to Hex A781C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

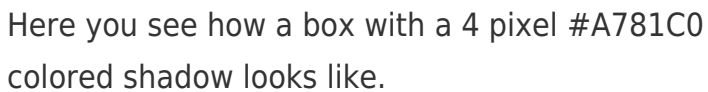
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A781C0 }
```

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

```
.border{ border-color:#A781C0 }
```

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



Here you see how a box with a 4 pixel `#A781C0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A781C0; -webkit-box-shadow:4px 4px  
4px 4px #A781C0; box-shadow:4px 4px 4px  
4px #A781C0 }
```

Background

The CSS property to change the background color of an element to Hex A781C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A781C0 }
```

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

```
.background{ background-color:#A781C0 }
```

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