

Converting Colors

Hex(A778CE)

Have a look what the booklet for
Hex(A778CE) contains.

Hex(A778CE)	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(A778CE)

Conversions

Conversions Part 1

Format	Color
Hex	A778CE
RGB	167, 120, 206
RGB Percent	65%, 47%, 81%
CMY	0.3451, 0.5294, 0.1922
CMYK	0.19, 0.42, 0.00, 0.19
HSL	273°, 47%, 64%
HSV	273°, 42%, 81%
XYZ	33.7934, 26.1047, 61.6501
YIQ	143.8570, 0.4060, 36.7100

Conversions

Conversions Part 2

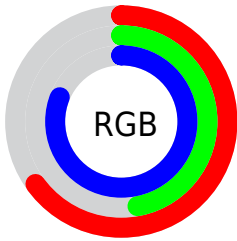
Format	Color
R _Y B	167, 120, 206
Decimal	10975438
CIE Lab	58.14, 34.66, -37.64
CIE LCh	58, 51.167, 312.644
Yxy	26.1047, 0.2780, 0.2148
Android (android.graphics.Color)	4289165518 (0xFFA778CE)
YUV	143.8570, 30.6365, 20.2964
Hunter-Lab	51.0927, 28.6500, -35.7763

Details

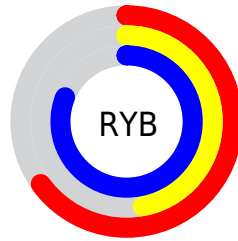
The Hex color **A778CE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9FCE78**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **DFADFF**, and **714697** is the 20% darker color. If you saturate the color by 10%, you get **9E63CE**, and if you desaturate by 10%, it is **B08DCE**.

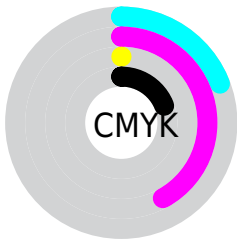
Distribution



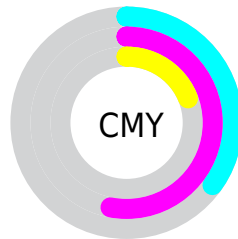
- Red (65%)
- Green (47%)
- Blue (81%)



- Red (65%)
- Yellow (47%)
- Blue (81%)



- Cyan (19%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)



- Cyan (35%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color A778CE 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 A778CE by changing the saturation by 10% instead.

 A778CE

 A778CE

FFFFFF

 8C5FB2

 DFADFF

 714697

 FDC9FF

 572E7D

 FFE5FF

 3E1764

 25004B

 0F0034

 00021E

 000000

 A778CE

 A778CE

 9E63CE

 B08DCE

 944FCE

 BAA1CE

 8B3ACE

 C3B6CE

 8226CE

 CCCACE

 7811CE

 D6DFCE

 7100CE

 DFF4CE

 E8FFCE

 F2FFCE

 FBFFCE

Harmonies

Analogous

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



5D8AE3



A778CE



D068A8

Triad

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



A778CE



BA8033



00A29E

Complementary

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



A778CE



9FCE78

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.



00A06F



A778CE



928F2E

Square

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



A778CE



D56F51



619A46



009FC7

Rectangle

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



A778CE



DD638A



619A46



00A28E

Sweetspot

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



A778CE



F0DEFF



78A0CE



766B80



000000



808080

Same Dimension

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



A778CE



C580FF



CE78CB



615C66



5B00A6



150026

Inverse Universe

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



CE789F



FF80B9



78CE7B



665C60



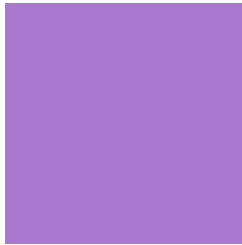
A6004B



260011

Previews

White Background



This preview shows how the Hex color A778CE looks on a white background.

Color Contrast Check

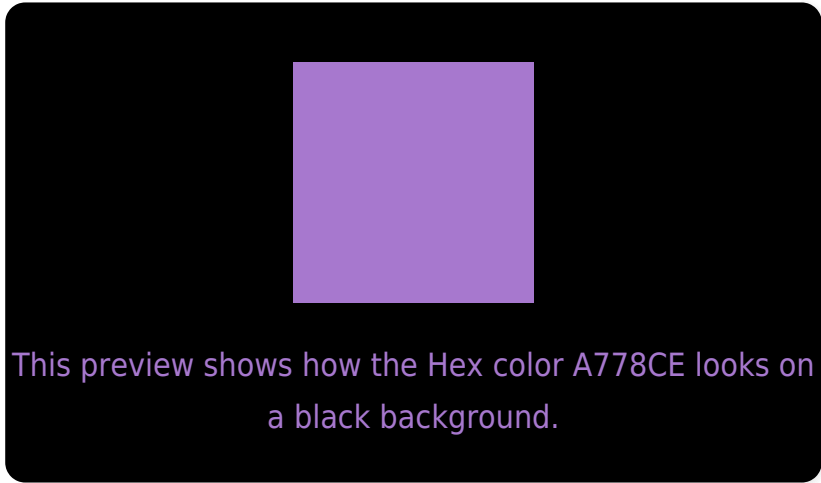
Large Text (above 18pt) WCAG AA ✓ Pass

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

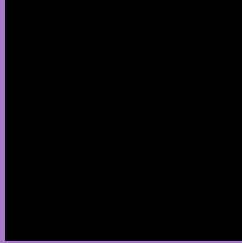
Any Text WCAG AA ✓ Pass

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 A778CE Background



This preview shows how black text looks on a background with the Hex color A778CE.

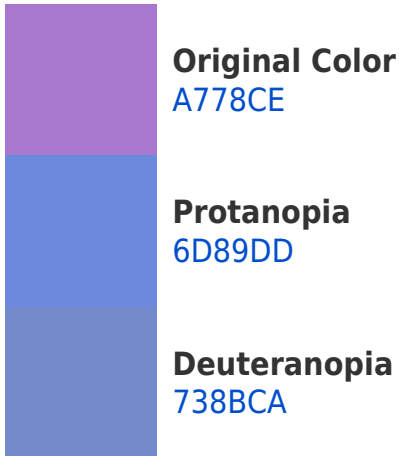


This preview shows how white text looks on a background with the Hex color A778CE.

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](#).

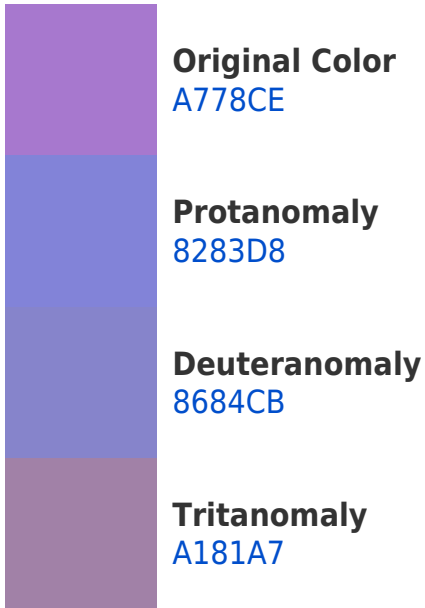
Dichromacy



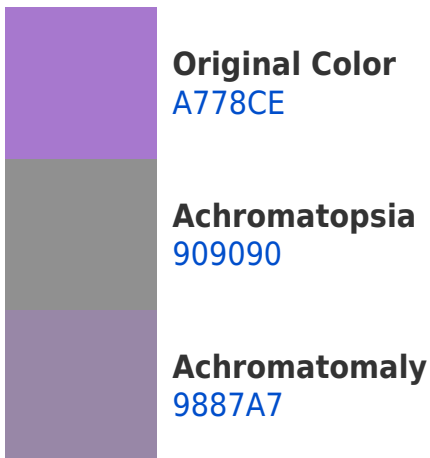


Tritanopia
9D8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A778CE 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 #A778CE looks like.

```
.text, #text, p{  
    color:#A778CE  
}
```

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 #A778CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A778CE
}
```

Border

The CSS property to change the border of an element to Hex A778CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

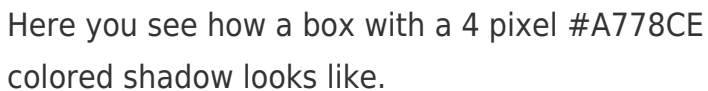
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A778CE }
```

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

```
.border{ border-color:#A778CE }
```

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



Here you see how a box with a 4 pixel #A778CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A778CE; -webkit-box-shadow:4px 4px  
4px 4px #A778CE; box-shadow:4px 4px 4px  
4px #A778CE }
```

Background

The CSS property to change the background color of an element to Hex A778CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A778CE }
```

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

```
.background{ background-color:#A778CE }
```

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