

Converting Colors

Hex(A683CE)

Have a look what the booklet for
Hex(A683CE) contains.

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Color

Hex(A683CE)

Conversions

Conversions Part 1

Format	Color
Hex	A683CE
RGB	166, 131, 206
RGB Percent	65%, 51%, 81%
CMY	0.3490, 0.4863, 0.1922
CMYK	0.19, 0.36, 0.00, 0.19
HSL	268°, 43%, 66%
HSV	268°, 36%, 81%
XYZ	34.9828, 28.7958, 62.1069
YIQ	150.0150, -3.2150, 30.7450

Conversions

Conversions Part 2

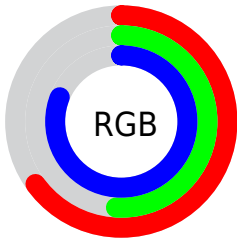
Format	Color
RYB	166, 131, 206
Decimal	10912718
CIELab	60.60, 28.15, -33.79
CIElCh	61, 43.981, 309.790
Yxy	28.7958, 0.2779, 0.2287
Android (android.graphics.Color)	4289102798 (0xFFA683CE)
YUV	150.0150, 27.6006, 14.0188
Hunter-Lab	53.6617, 22.4584, -31.0577

Details

The Hex color **A683CE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ABCE83**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **DEB8FF**, and **715197** is the 20% darker color. If you saturate the color by 10%, you get **9B6ECE**, and if you desaturate by 10%, it is **B198CE**.

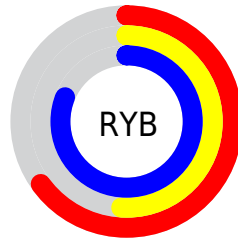
Distribution



Red (65%)

Green (51%)

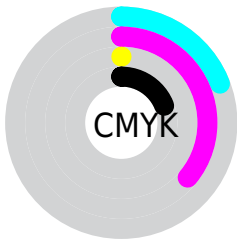
Blue (81%)



Red (65%)

Yellow (51%)

Blue (81%)

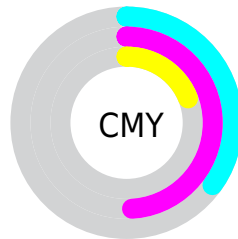


Cyan (19%)

Magenta (36%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (49%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color A683CE 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 A683CE by changing the saturation by 10% instead.

 A683CE

 A683CE

FFFFFF

 8B6AB2

 DEB8FF

 715197

 FBD4FF

 57397D

 FFF1FF

 3E2364

 250D4C

 140035

 00021E

 000001

 000000

 A683CE

 A683CE

 9B6ECE

 B198CE

 905ACE

 BCACCE

 8545CE

 C7C1CE

 7A31CE

 D2D5CE

 6F1CCE

 DDEACE

 6407CE

 E8FFCE

 6000CE

 F3FFCE

 FEFFCE

 FFFFCE

Harmonies

Analogous

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



6892DE



A683CE



CC76AE

Triad

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



A683CE



BF8749



00A69E

Complementary

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



A683CE



ABCE83

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.



3BA476



A683CE



9D9443

Square

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



A683CE



D67962



739E54



00A4C3

Rectangle

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



A683CE



D97294



739E54



00A691

Sweetspot

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



A683CE



F0E3FF



83ABCE



776F80



000000



808080

Same Dimension

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



A683CE



C38FFF



CC83CE



615C66



4D00A6



120026

Inverse Universe

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



CE83AB



FF8FCB



85CE83



665C61



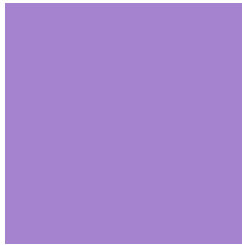
A60058



260014

Previews

White Background



This preview shows how the Hex color A683CE looks on a white background.

Color Contrast Check

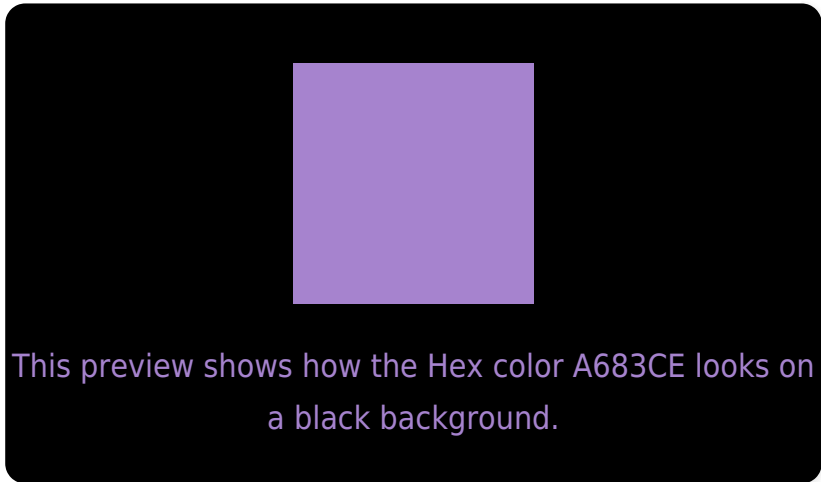
Large Text (above 18pt) WCAG AA ✓ Pass

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

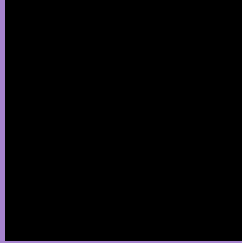
Any Text WCAG AA ✓ Pass

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 A683CE Background



This preview shows how black text looks on a background with the Hex color A683CE.

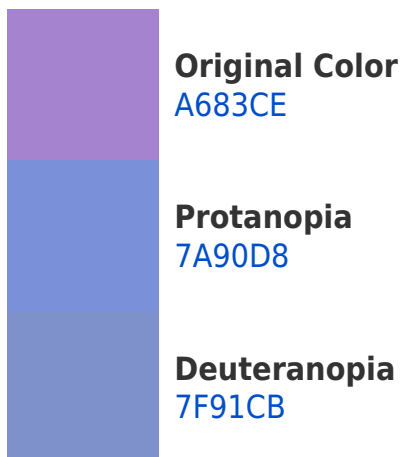


This preview shows how white text looks on a background with the Hex color A683CE.

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](#).

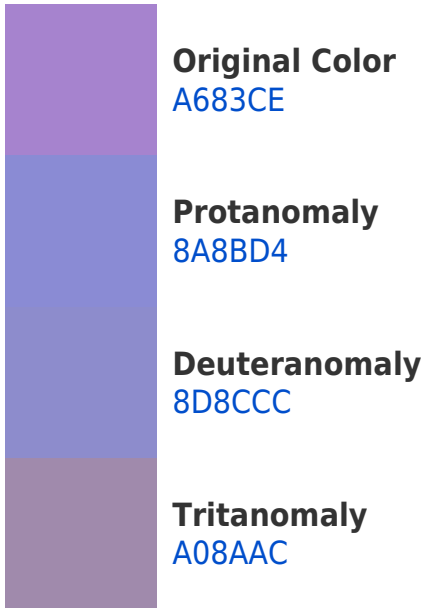
Dichromacy



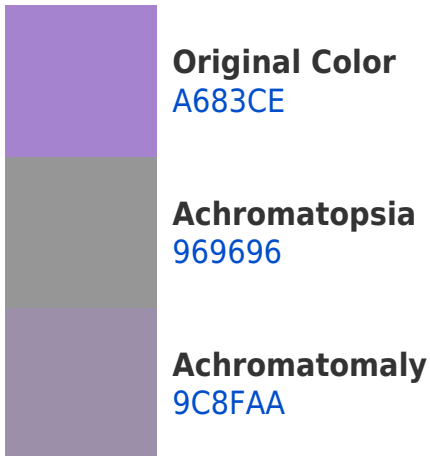


Tritanopia
9D8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A683CE 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 #A683CE looks like.

```
.text, #text, p{  
    color:#A683CE  
}
```

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 #A683CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A683CE
}
```

Border

The CSS property to change the border of an element to Hex A683CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

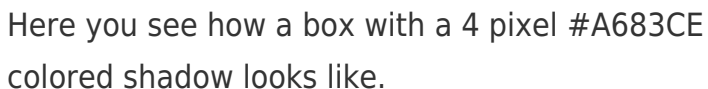
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A683CE }
```

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

```
.border{ border-color:#A683CE }
```

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



Here you see how a box with a 4 pixel #A683CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A683CE; -webkit-box-shadow:4px 4px  
4px 4px #A683CE; box-shadow:4px 4px 4px  
4px #A683CE }
```

Background

The CSS property to change the background color of an element to Hex A683CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A683CE }
```

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

```
.background{ background-color:#A683CE }
```

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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