

Converting Colors

Hex(A793CD)

Have a look what the booklet for
Hex(A793CD) contains.

Hex(A793CD)	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(A793CD)

Conversions

Conversions Part 1

Format	Color
Hex	A793CD
RGB	167, 147, 205
RGB Percent	65%, 58%, 80%
CMY	0.3451, 0.4235, 0.1961
CMYK	0.19, 0.28, 0.00, 0.20
HSL	261°, 37%, 69%
HSV	261°, 28%, 80%
XYZ	37.3895, 33.4907, 62.2513
YIQ	159.5920, -6.6980, 22.2780

Conversions

Conversions Part 2

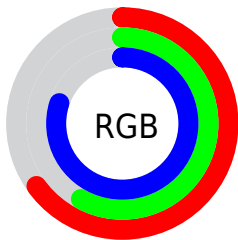
Format	Color
RYB	167, 147, 205
Decimal	10982349
CIELab	64.56, 19.13, -27.10
CIELCh	65, 33.177, 305.220
Yxy	33.4907, 0.2808, 0.2516
Android (android.graphics.Color)	4289172429 (0xFFA793CD)
YUV	159.5920, 22.3861, 6.4968
Hunter-Lab	57.8712, 14.0511, -23.2677

Details

The Hex color **A793CD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9CD93**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **DFC9FF**, and **726097** is the 20% darker color. If you saturate the color by 10%, you get **9A7ECD**, and if you desaturate by 10%, it is **B4A8CD**.

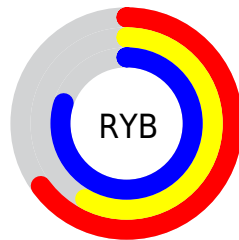
Distribution



Red (65%)

Green (58%)

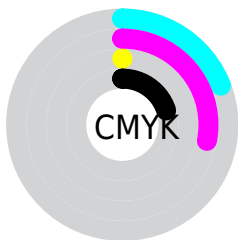
Blue (80%)



Red (65%)

Yellow (58%)

Blue (80%)

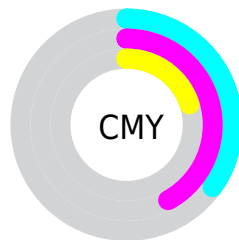


Cyan (19%)

Magenta (28%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (42%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color A793CD 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 A793CD by changing the saturation by 10% instead.

 A793CD

 A793CD

FFFFFF

 8C79B1

 DFC9FF

 726097

 FCE5FF

 59487D

 413263

 291C4B

 130534

 00021F

 000001

 000000

 A793CD

 A793CD

 9A7ECD

 B4A8CD

 8C6ACD

 C2BCCD

 7F56CD

 CFD1CD

 7141CD

 DDE5CD

 642DCD

 EAFACD

 5618CD

 F8FFCD

 4904CD

 FFFFCD

 4700CD

Harmonies

Analogous

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



7B9ED7



A793CD



C68AB6

Triad

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



A793CD



C59267



43ADA1

Complementary

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



A793CD



B9CD93

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.



68AA83



A793CD



AB9C61

Square

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



A793CD



D4897C



8CA56B



2DABBE

Rectangle

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



A793CD



D286A3



8CA56B



4FAC97

Sweetspot

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



A793CD



F2EBFF



93BACD



777380



000000



808080

Same Dimension

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



A793CD



C6A8FF



C393CD



5F5C66



3900A6



0D0026

Inverse Universe

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



CD93B9



FFA8E1



9DCD93



665C62



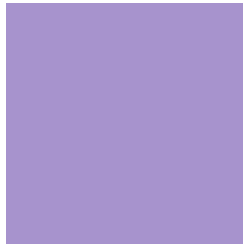
A6006D



260019

Previews

White Background



This preview shows how the Hex color A793CD looks on a white background.

Color Contrast Check

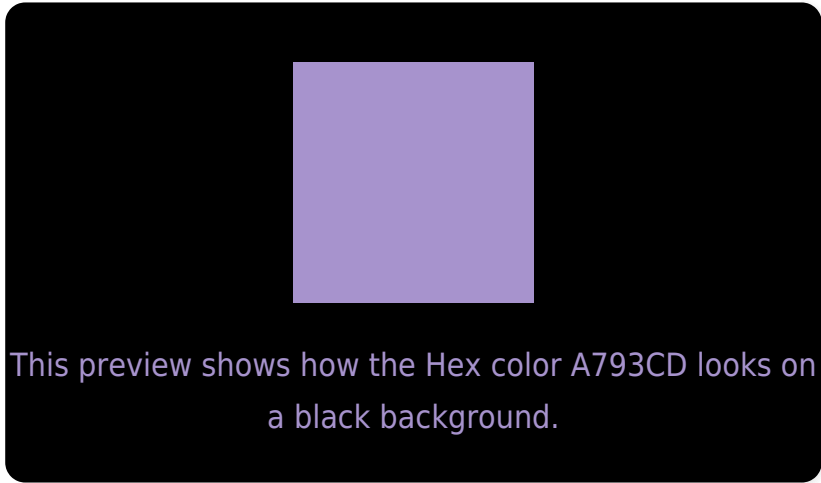
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex A793CD Background



This preview shows how black text looks on a background with the Hex color A793CD.

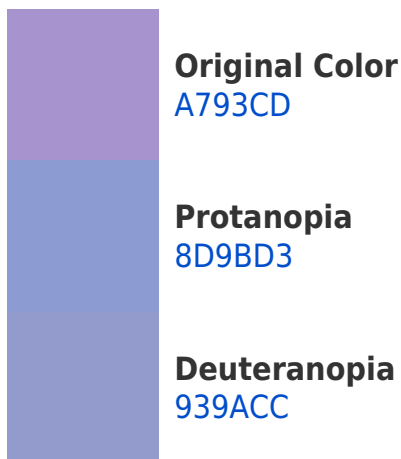



This preview shows how white text looks on a background with the Hex color A793CD.

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](#).

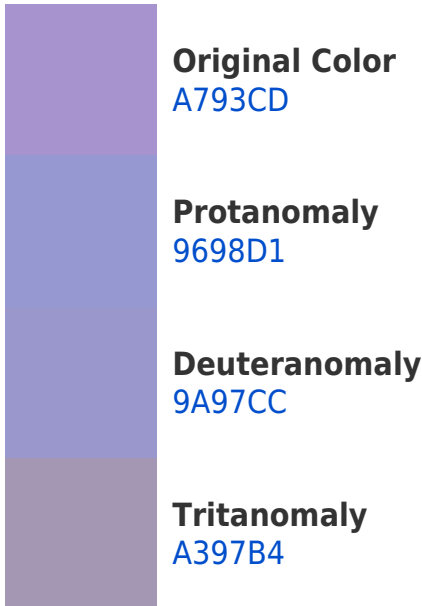
Dichromacy



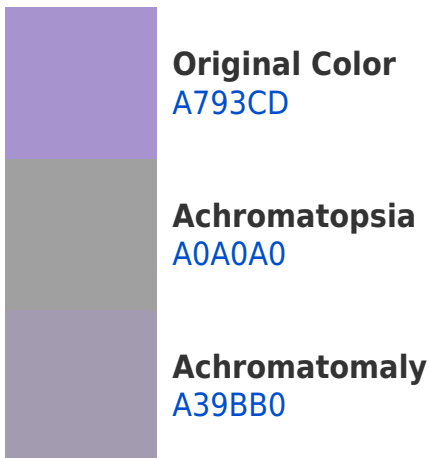


Tritanopia
A09AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A793CD 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 #A793CD looks like.

```
.text, #text, p{  
    color:#A793CD  
}
```

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 #A793CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A793CD
}
```

Border

The CSS property to change the border of an element to Hex A793CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

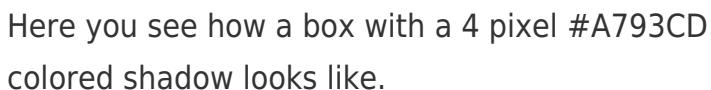
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A793CD }
```

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

```
.border{ border-color:#A793CD }
```

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



Here you see how a box with a 4 pixel #A793CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A793CD; -webkit-box-shadow:4px 4px  
4px 4px #A793CD; box-shadow:4px 4px 4px  
4px #A793CD }
```

Background

The CSS property to change the background color of an element to Hex A793CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A793CD }
```

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

```
.background{ background-color:#A793CD }
```

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