

# Converting Colors

Hex(A493CE)

Have a look what the booklet for  
Hex(A493CE) contains.

<b>Hex(A493CE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(A493CE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A493CE
RGB	164, 147, 206
RGB Percent	64%, 58%, 81%
CMY	0.3569, 0.4235, 0.1922
CMYK	0.20, 0.29, 0.00, 0.19
HSL	257°, 38%, 69%
HSV	257°, 29%, 81%
XYZ	36.8841, 33.2162, 62.8599
YIQ	158.8090, -8.8070, 21.9530

# Conversions

## Conversions Part 2

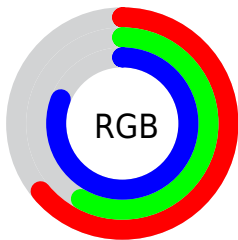
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	164, 147, 206
Decimal	10785742
CIE Lab	64.34, 18.43, -28.02
CIE LCh	64, 33.539, 303.327
Yxy	33.2162, 0.2774, 0.2498
Android (android.graphics.Color)	4288975822 (0xFFA493CE)
YUV	158.8090, 23.2652, 4.5525
Hunter-Lab	57.6335, 13.3774, -24.3232

# Details

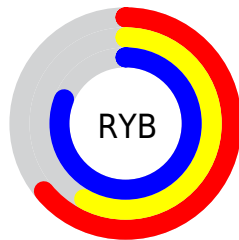
The Hex color **A493CE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BDCE93**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **DCC9FF**, and **6F6097** is the 20% darker color. If you saturate the color by 10%, you get **957ECE**, and if you desaturate by 10%, it is **B3A8CE**.

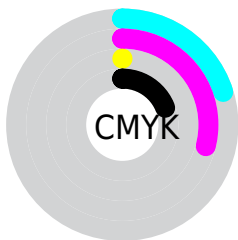
# Distribution



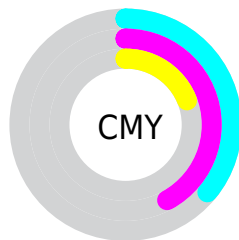
- Red (64%)
- Green (58%)
- Blue (81%)



- Red (64%)
- Yellow (58%)
- Blue (81%)



- Cyan (20%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (42%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A493CE 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 A493CE by changing the saturation by 10% instead.



 A493CE

 A493CE

FFFFFF

 8979B2

 DCC9FF

 6F6097

 F8E5FF

 56497D

 3E3264

 261D4C

 100535

 00021F

 000002

 000000

 A493CE

 A493CE

 957ECE

 B3A8CE

 876ACE

 C1BCCE

 7855CE

 D0D1CE

 6941CE

 DFE5CE

 5B2CCE

 EDFACE

 4C17CE

 FCFFCE

 3D03CE

 FFFFCE

 3B00CE

# Harmonies

## Analogous

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



779ED7



A493CE



C589B7

# Triad

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



A493CE



C69167



43AC9E

# Complementary

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



A493CE



BDCE93

# 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.



69AA80



A493CE



AD9B60

# Square

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



A493CE



D5887D



8DA469



28ABBC

# Rectangle

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



A493CE



D285A4



8DA469



4FAC94



# Sweetspot

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



A493CE



EFE8FF



93BDCE



767180



000000



808080



# Same Dimension

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



A493CE



C1A8FF



C193CE



5F5C66



3000A6



0B0026



# Inverse Universe

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



CE93BD



FFA8E6



A0CE93



665C63



A60076

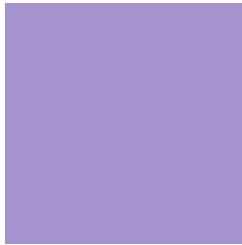


26001B



# Previews

## White Background



This preview shows how the Hex color A493CE looks on a white background.

## Color Contrast Check

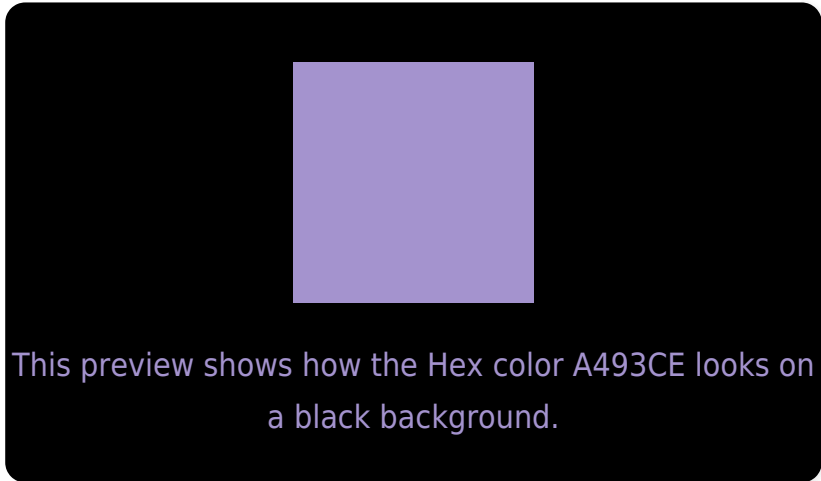
Large Text (above 18pt) WCAG AA × Fail

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

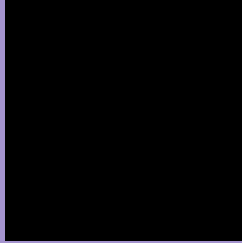
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A493CE Background



This preview shows how black text looks on a background with the Hex color A493CE.

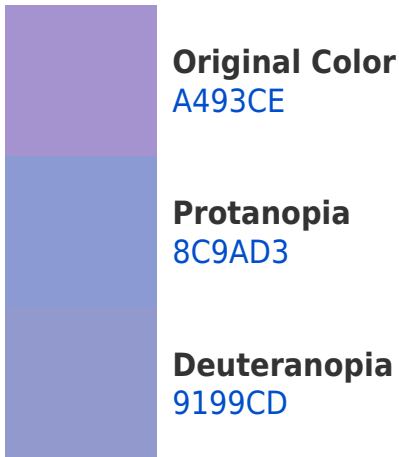


This preview shows how white text looks on a background with the Hex color A493CE.

# 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](#).

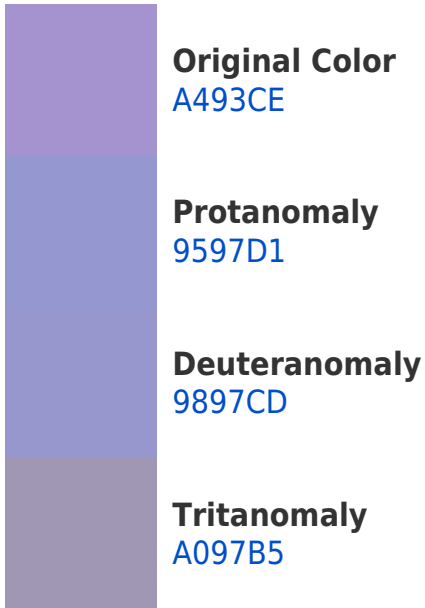
## Dichromacy



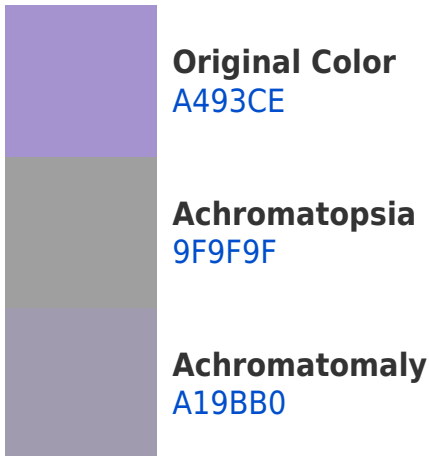


**Tritanopia**  
9D9AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A493CE 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 #A493CE looks like.

```
.text, #text, p{  
    color:#A493CE  
}
```

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 #A493CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A493CE
}
```

## Border

The CSS property to change the border of an element to Hex A493CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

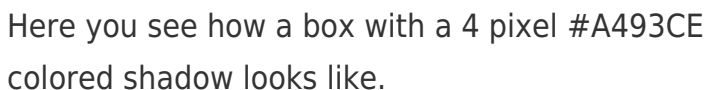
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A493CE }
```

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

```
.border{ border-color:#A493CE }
```

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



Here you see how a box with a 4 pixel #A493CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A493CE; -webkit-box-shadow:4px 4px  
4px 4px #A493CE; box-shadow:4px 4px 4px  
4px #A493CE }
```

# Background

The CSS property to change the background color of an element to Hex A493CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A493CE }
```

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

```
.background{ background-color:#A493CE }
```

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