

Converting Colors

Hex(A498CD)

Have a look what the booklet for
Hex(A498CD) contains.

Hex(A498CD)	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(A498CD)

Conversions

Conversions Part 1

Format	Color
Hex	A498CD
RGB	164, 152, 205
RGB Percent	64%, 60%, 80%
CMY	0.3569, 0.4039, 0.1961
CMYK	0.20, 0.26, 0.00, 0.20
HSL	254°, 35%, 70%
HSV	254°, 26%, 80%
XYZ	37.5575, 34.7568, 62.4868
YIQ	161.6300, -9.8610, 19.0270

Conversions

Conversions Part 2

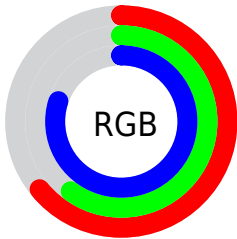
Format	Color
RYB	164, 152, 205
Decimal	10787021
CIELab	65.56, 15.36, -25.58
CIElCh	66, 29.841, 300.980
Yxy	34.7568, 0.2786, 0.2578
Android (android.graphics.Color)	4288977101 (0xFFA498CD)
YUV	161.6300, 21.3814, 2.0785
Hunter-Lab	58.9549, 10.5434, -21.5736

Details

The Hex color **A498CD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C1CD98**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **DCCEFF**, and **6F6597** is the 20% darker color. If you saturate the color by 10%, you get **9484CD**, and if you desaturate by 10%, it is **B4ADCD**.

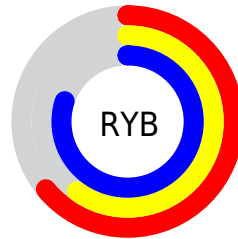
Distribution



Red (64%)

Green (60%)

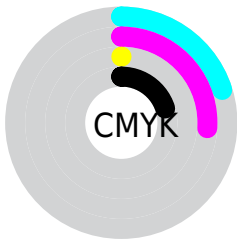
Blue (80%)



Red (64%)

Yellow (60%)

Blue (80%)

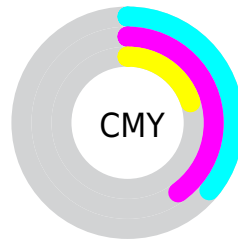


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (36%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color A498CD 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 A498CD by changing the saturation by 10% instead.

 A498CD

 A498CD

FFFFFF

 897EB1

 DCCEFF

 6F6597

 F8EBFF

 564D7D

 3E3663

 26214B

 100C34

 00021F

 000002

 000000

 A498CD

 A498CD

 9484CD

 B4ADCD

 846FCD

 C4C1CD

 745ACD

 D4D6CD

 6546CD

 E3EACD

 5532CD

 F3FFCD

 451DCD

 FFFFCD

 3508CD

 2E00CD

Harmonies

Analogous

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



7DA1D4



A498CD



C28FBA

Triad

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



A498CD



C79571



57AE9F

Complementary

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



A498CD



C1CD98

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.



75AB84



A498CD



B19E6A

Square

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



A498CD



D38D85



95A671



46ADBA

Rectangle

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



A498CD



CE8CA8



95A671



61AD96

Sweetspot

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



A498CD



EFE8FF



98C2CD



767380



000000



808080

Same Dimension

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



A498CD



C2B0FF



BE98CD



5E5C66



2600A6



090026

Inverse Universe

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



CD98C1



FFB0ED



A7CD98



665C64



A60080



26001E

Previews

White Background



This preview shows how the Hex color A498CD looks on a white background.

Color Contrast Check

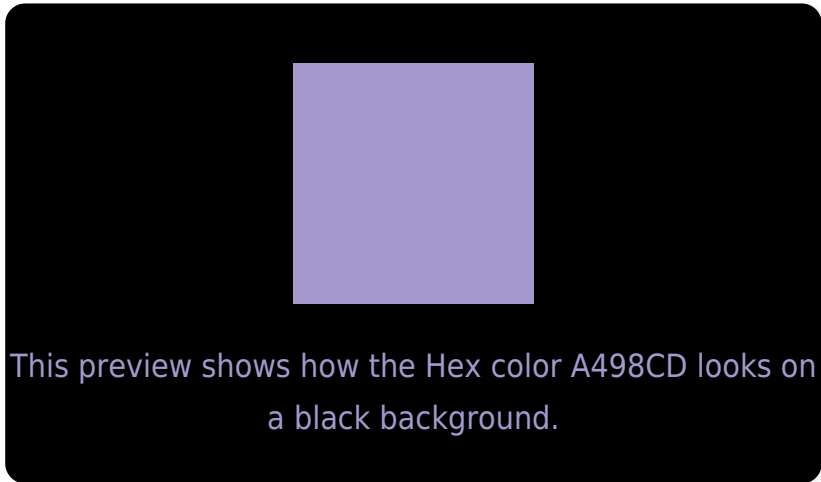
Large Text (above 18pt) WCAG AA × Fail

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 A498CD Background



This preview shows how black text looks on a background with the Hex color A498CD.

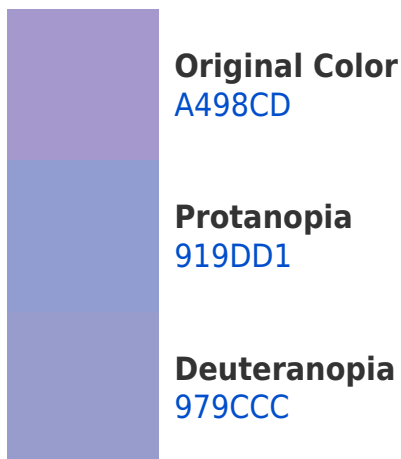


This preview shows how white text looks on a background with the Hex color A498CD.

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](#).

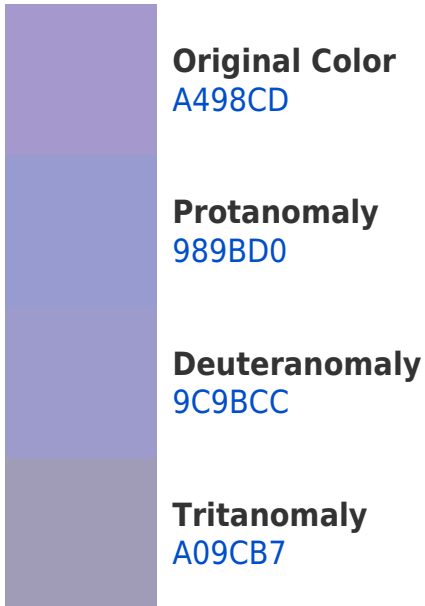
Dichromacy



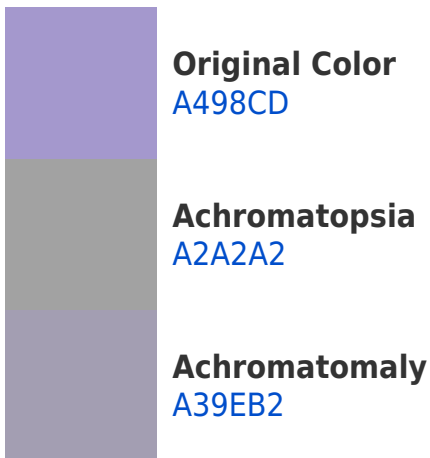


Tritanopia
9E9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A498CD 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 #A498CD looks like.

```
.text, #text, p{  
    color:#A498CD  
}
```

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 #A498CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A498CD
}
```

Border

The CSS property to change the border of an element to Hex A498CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

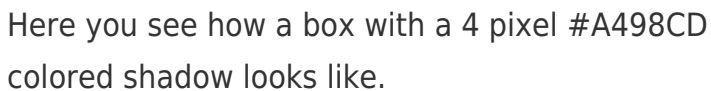
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A498CD }
```

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

```
.border{ border-color:#A498CD }
```

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



Here you see how a box with a 4 pixel #A498CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A498CD; -webkit-box-shadow:4px 4px  
4px 4px #A498CD; box-shadow:4px 4px 4px  
4px #A498CD }
```

Background

The CSS property to change the background color of an element to Hex A498CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A498CD }
```

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

```
.background{ background-color:#A498CD }
```

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