

# Converting Colors

Hex(A199CB)

Have a look what the booklet for  
Hex(A199CB) contains.

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# **Color**

**Hex(A199CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A199CB
RGB	161, 153, 203
RGB Percent	63%, 60%, 80%
CMY	0.3686, 0.4000, 0.2039
CMYK	0.21, 0.25, 0.00, 0.20
HSL	250°, 32%, 70%
HSV	250°, 25%, 80%
XYZ	36.8687, 34.6713, 61.2490
YIQ	161.0920, -11.2820, 17.2460

# Conversions

## Conversions Part 2

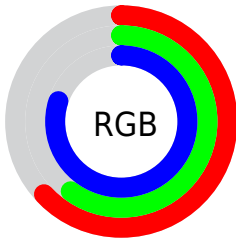
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 153, 203
Decimal	10590667
CIE <sub>Lab</sub>	65.49, 13.39, -24.60
CIE <sub>LCh</sub>	65, 28.004, 298.568
Yxy	34.6713, 0.2776, 0.2611
Android (android.graphics.Color)	4288780747 (0xFFA199CB)
YUV	161.0920, 20.6606, -0.0807
Hunter-Lab	58.8824, 8.7220, -20.4553

# Details

The Hex color **A199CB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3CB99**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D8CFFF**, and **6D6695** is the 20% darker color. If you saturate the color by 10%, you get **9085CB**, and if you desaturate by 10%, it is **B2ADCB**.

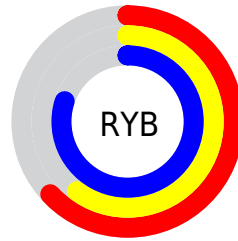
# Distribution



Red (63%)

Green (60%)

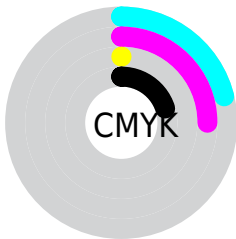
Blue (80%)



Red (63%)

Yellow (60%)

Blue (80%)

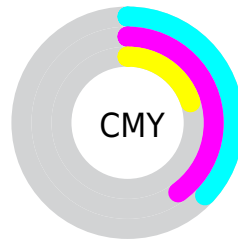


Cyan (21%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (37%)

Magenta (40%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A199CB 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 A199CB by changing the saturation by 10% instead.



 A199CB

 A199CB

FFFFFF

 867FAF

 D8CFFF

 6D6695

 F5ECFF

 544E7B

 3B3762

 24224A

 0D0D33

 00021D

 000000

 A199CB

 A199CB

9085CB

B2ADCB

7F70CB

C3C2CB

6E5CCB

D4D6CB

5D48CB

E5EACB

4C33CB

F6FFCB

3B1FCB

FFFFCB

2A0BCB

2000CB

# Harmonies

## Analogous

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



7DA2D1



A199CB



BE91BA

# Triad

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



A199CB



C69575



5FAD9D

# Complementary

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



A199CB



C3CB99

# 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.



7AAA84



A199CB



B29D6D

# Square

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



A199CB



D18E88



98A572



4FACB6

# Rectangle

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



A199CB



CB8DAA



98A572



67AC94



# Sweetspot

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



A199CB



F0EDFF



99C3CB



777580



000000



808080



# Same Dimension

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



A199CB



BFB3FF



BA99CB



5D5C66



1B00A6



060026



# Inverse Universe

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



CB99C3



FFB3F3



ABCB99



665C64



A6008B

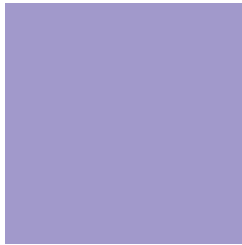


260020



# Previews

## White Background



This preview shows how the Hex color A199CB looks on a white background.

## Color Contrast Check

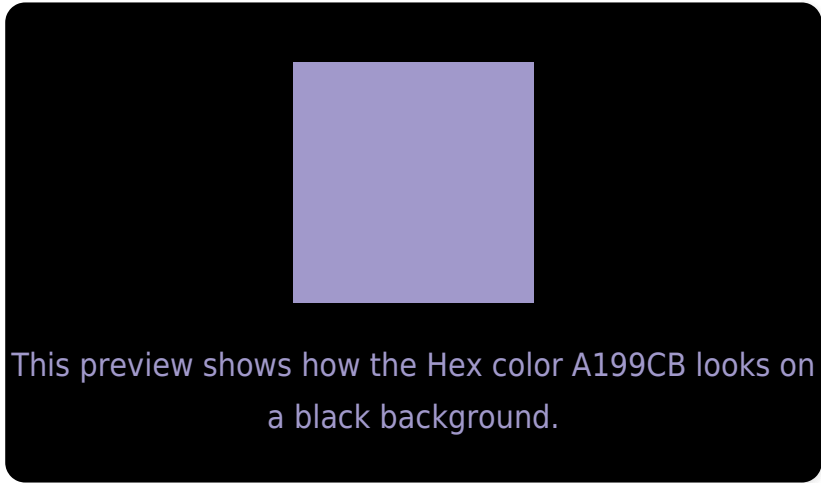
Large Text (above 18pt) WCAG AA × Fail

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

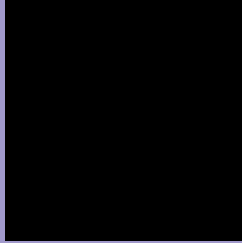
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A199CB Background



This preview shows how black text looks on a background with the Hex color A199CB.

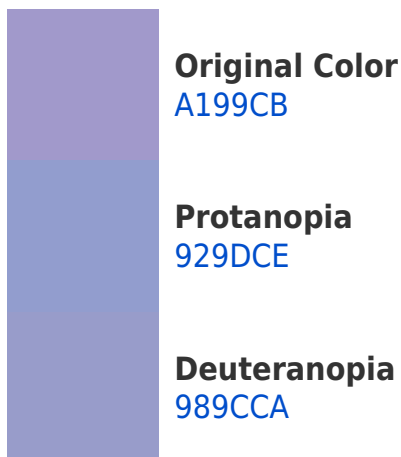


This preview shows how white text looks on a background with the Hex color A199CB.

# 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](#).

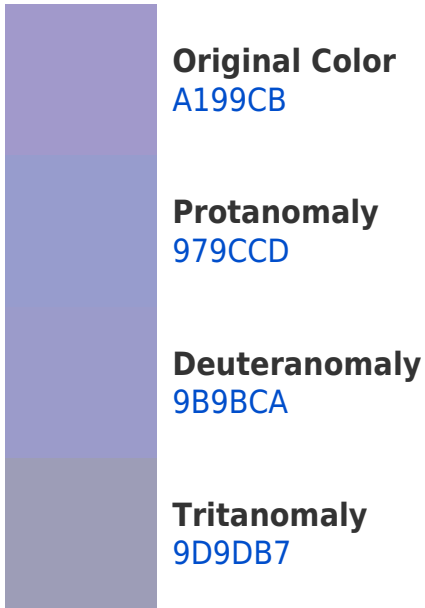
## Dichromacy



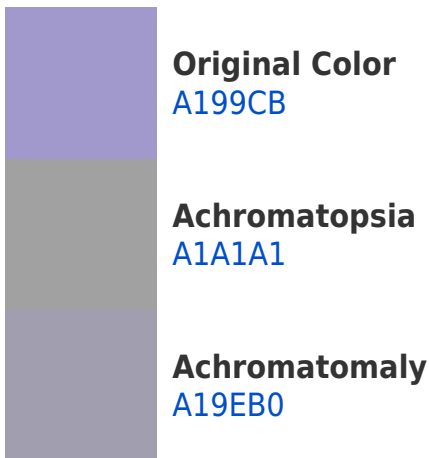


**Tritanopia**  
9B9FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A199CB 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 #A199CB looks like.

```
.text, #text, p{  
    color:#A199CB  
}
```

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 #A199CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A199CB
}
```

## Border

The CSS property to change the border of an element to Hex A199CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

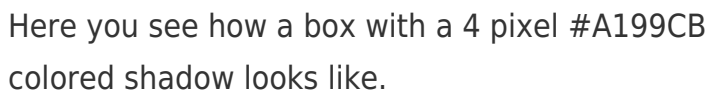
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A199CB }
```

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

```
.border{ border-color:#A199CB }
```

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



Here you see how a box with a 4 pixel `#A199CB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A199CB; -webkit-box-shadow:4px 4px  
4px 4px #A199CB; box-shadow:4px 4px 4px  
4px #A199CB }
```

# Background

The CSS property to change the background color of an element to Hex A199CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A199CB }
```

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

```
.background{ background-color:#A199CB }
```

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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