

Converting Colors

Hex(A198D3)

Have a look what the booklet for
Hex(A198D3) contains.

| | |
|--|----|
| Hex(A198D3) | 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(A198D3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A198D3 |
| RGB | 161, 152, 211 |
| RGB Percent | 63%, 60%, 83% |
| CMY | 0.3686, 0.4039, 0.1725 |
| CMYK | 0.24, 0.28, 0.00, 0.17 |
| HSL | 249°, 40%, 71% |
| HSV | 249°, 28%, 83% |
| XYZ | 37.6841, 34.7367, 66.3467 |
| YIQ | 161.4170, -13.5750, 20.2570 |

Conversions

Conversions Part 2

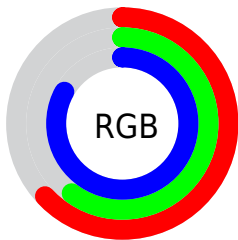
| Format | Color |
|-------------------------------------|--|
| RYB | 161, 152, 211 |
| Decimal | 10590419 |
| CIELab | 65.54, 15.84, -28.97 |
| CIELCh | 66, 33.014, 298.672 |
| Yxy | 34.7367, 0.2716, 0.2503 |
| Android (android.graphics.Color) | 4288780499 (0xFFA198D3) |
| YUV | 161.4170, 24.4444, -0.3657 |
| Hunter-Lab | 58.9378, 10.9892, -25.4866 |

Details

The Hex color **A198D3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CAD398**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D9CEFF**, and **6C659C** is the 20% darker color. If you saturate the color by 10%, you get **8F83D3**, and if you desaturate by 10%, it is **B3ADD3**.

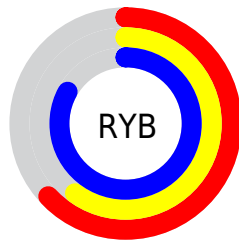
Distribution



Red (63%)

Green (60%)

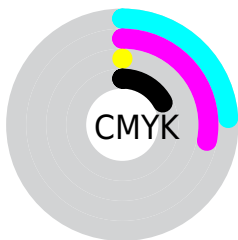
Blue (83%)



Red (63%)

Yellow (60%)

Blue (83%)

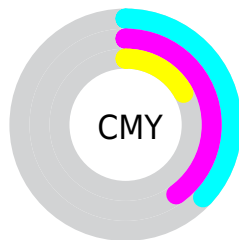


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (17%)



Cyan (37%)

Magenta (40%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color A198D3 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 A198D3 by changing the saturation by 10% instead.

 A198D3

 A198D3

FFFFFF

 867EB7

 D9CEFF

 6C659C

 F5EAFF

 534D82

 3A3669

 222150

 090C39

 000223

 00000A

 000000

 A198D3

 A198D3

 8F83D3

 B3ADD3

 7D6ED3

 C5C2D3

 6B59D3

 D7D7D3

 5944D3

 E9ECD3

 482FD3

 FAFFD3

 3619D3

 FFFFD3

 2404D3

 2000D3

Harmonies

Analogous

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



74A2DA



A198D3



C38EBE

Triad

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



A198D3



CC936E



4EAF9D

Complementary

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



A198D3



CAD398

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.



73AC7F



A198D3



B49D64

Square

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



A198D3



D98B84



96A66A



33AFBB

Rectangle

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



A198D3



D28AAC



96A66A



5AAE93

Sweetspot

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



A198D3



EEEEFF



98CAD3



757380



000000



808080

Same Dimension

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



A198D3



B6A8FF



BE98D3



605E69



1A00A8



060029

Inverse Universe

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



D398CA



FFA8F2



ADD398



695E67



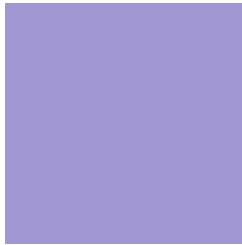
A8008F



290023

Previews

White Background



This preview shows how the Hex color A198D3 looks on a white background.

Color Contrast Check

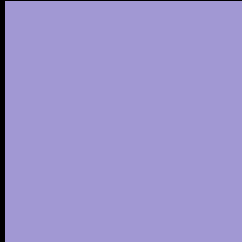
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A198D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

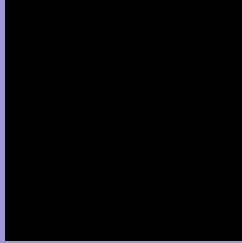
Any Text WCAG AA ✓ Pass

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 A198D3 Background



This preview shows how black text looks on a background with the Hex color A198D3.

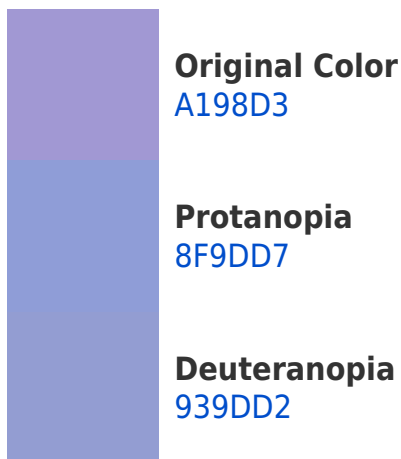


This preview shows how white text looks on a background with the Hex color A198D3.

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](#).

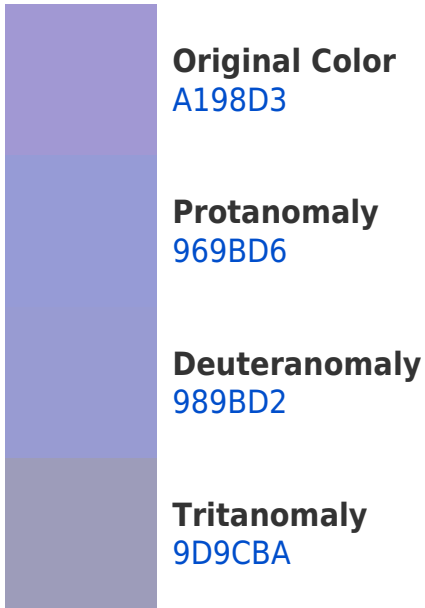
Dichromacy



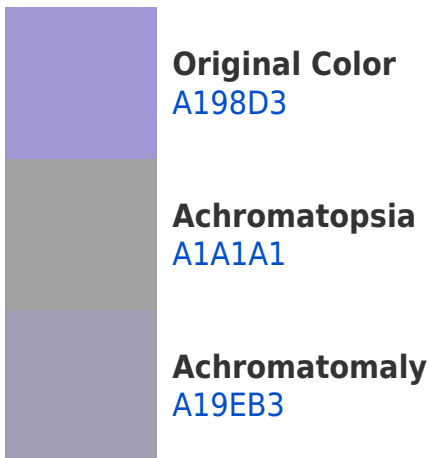


Tritanopia
9A9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A198D3 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 #A198D3 looks like.

```
.text, #text, p{  
    color:#A198D3  
}
```

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 #A198D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A198D3
}
```

Border

The CSS property to change the border of an element to Hex A198D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

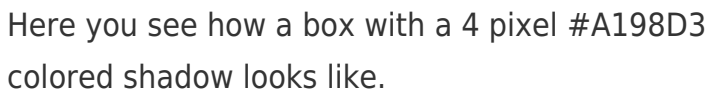
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A198D3 }
```

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

```
.border{ border-color:#A198D3 }
```

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



Here you see how a box with a 4 pixel `#A198D3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A198D3; -webkit-box-shadow:4px 4px  
4px 4px #A198D3; box-shadow:4px 4px 4px  
4px #A198D3 }
```

Background

The CSS property to change the background color of an element to Hex A198D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A198D3 }
```

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

```
.background{ background-color:#A198D3 }
```

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