

# Converting Colors

Hex(A8C8D3)

Have a look what the booklet for  
Hex(A8C8D3) contains.

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# **Color**

**Hex(A8C8D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8C8D3
RGB	168, 200, 211
RGB Percent	66%, 78%, 83%
CMY	0.3412, 0.2157, 0.1725
CMYK	0.20, 0.05, 0.00, 0.17
HSL	195°, 33%, 74%
HSV	195°, 20%, 83%
XYZ	48.5606, 54.3365, 69.5566
YIQ	191.6860, -22.6030, -3.3630

# Conversions

## Conversions Part 2

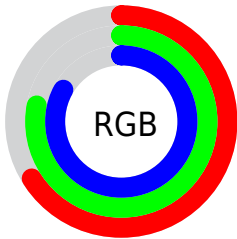
Format	Color
R <sub>Y</sub> B	168, 186, 211
Decimal	11061459
CIE Lab	78.66, -8.29, -9.05
CIE LCh	79, 12.270, 227.496
Yxy	54.3365, 0.2816, 0.3151
Android (android.graphics.Color)	4289251539 (0xFFA8C8D3)
YUV	191.6860, 9.5218, -20.7726
Hunter-Lab	73.7133, -11.4067, -4.3473

# Details

The Hex color **A8C8D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D3B3A8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E0FFFF**, and **73929D** is the 20% darker color. If you saturate the color by 10%, you get **93C3D3**, and if you desaturate by 10%, it is **BDCDD3**.

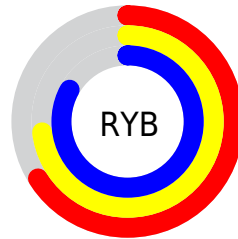
# Distribution



Red (66%)

Green (78%)

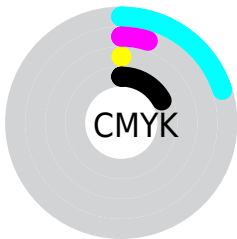
Blue (83%)



Red (66%)

Yellow (73%)

Blue (83%)

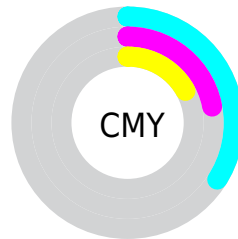


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (17%)



Cyan (34%)

Magenta (22%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8C8D3 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 A8C8D3 by changing the saturation by 10% instead.



 A8C8D3

 A8C8D3

FFFFFF

 8DADB7

 E0FFFF

 73929D

FDFEFF


 5A7882

 426069

 2A4851

 12313A

 001C25

 00010F

 000000

 A8C8D3

 A8C8D3

 93C3D3

 BDCDD3

 7EBDD3

 D2D3D3

 69B8D3

 E7D8D3

 54B2D3

 FCDED3

 3FADD3

 FFE3D3

 29A8D3

 FFE8D3

 14A2D3

 FFEED3

 009DD3

 FFF3D3

 FFF9D3

# Harmonies

## Analogous

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



A6C9C9



A8C8D3



B1C5D9

# Triad

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



A8C8D3



D7BBC8



C5C4AD

# Complementary

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



A8C8D3



D3B3A8

# 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.



D1C0AD



A8C8D3



DBBBBC

# Square

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



A8C8D3



CDBED2



D9BDB2



B8C7B3

# Rectangle

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



A8C8D3



BAC3D9



D9BDB2



C9C3AC



# Sweetspot

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



A8C8D3



F0FBFF



A8D3B3



777D80



000000



808080

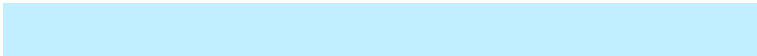


# Same Dimension

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



A8C8D3



C2EFFF



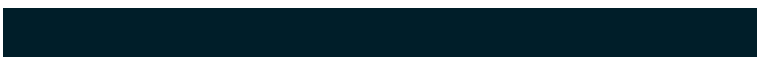
A8B3D3



5E6669



007DA8



001E29



# Inverse Universe

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



D3A8C8



FFC2EF



D3C8A8



695E66



A8007D

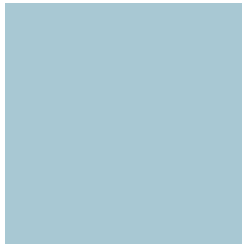


29001E



# Previews

## White Background



This preview shows how the Hex color A8C8D3 looks on a white background.

## Color Contrast Check

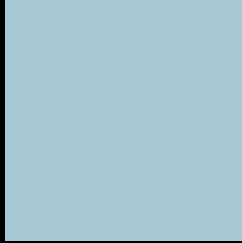
Large Text (above 18pt) WCAG AA × Fail

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 A8C8D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

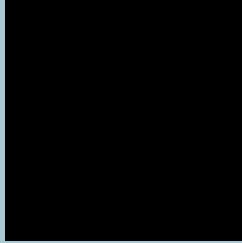
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

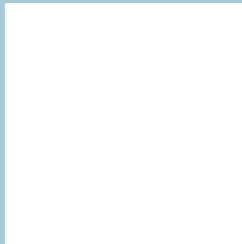
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8C8D3 Background



This preview shows how black text looks on a background with the Hex color A8C8D3.

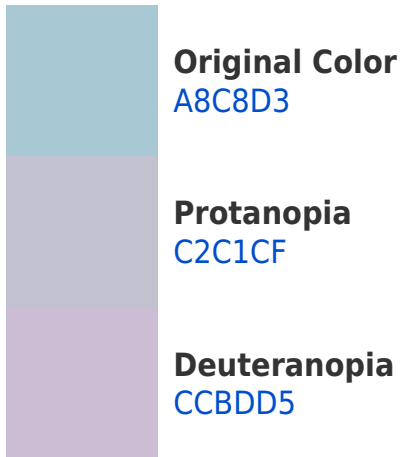


This preview shows how white text looks on a background with the Hex color A8C8D3.

# 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](#).

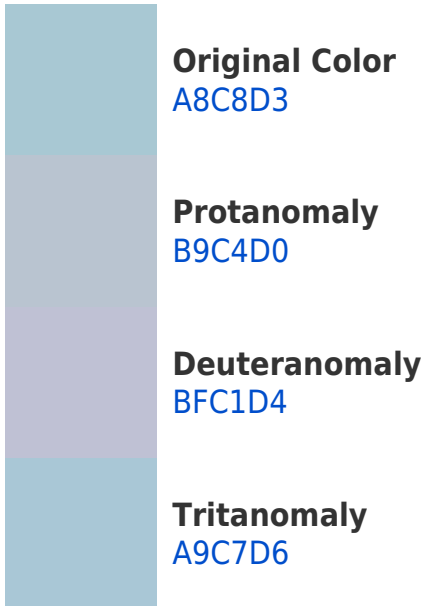
## Dichromacy



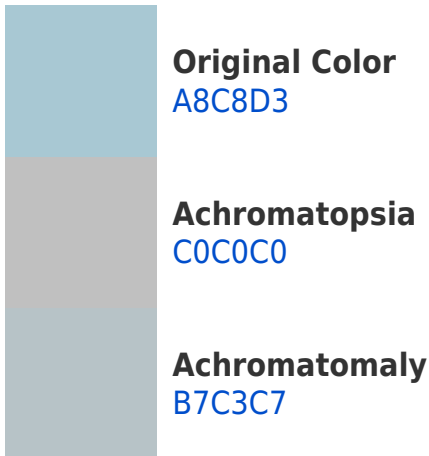


**Tritanopia**  
A9C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8C8D3 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 #A8C8D3 looks like.

```
.text, #text, p{  
    color:#A8C8D3  
}
```

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 #A8C8D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8C8D3
}
```

## Border

The CSS property to change the border of an element to Hex A8C8D3 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
#A8C8D3 }
```

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

```
.border{ border-color:#A8C8D3 }
```

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

Here you see how a box with a 4 pixel #A8C8D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8C8D3; -webkit-box-shadow:4px 4px  
4px 4px #A8C8D3; box-shadow:4px 4px 4px  
4px #A8C8D3 }
```

# Background

The CSS property to change the background color of an element to Hex A8C8D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8C8D3 }
```

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

```
.background{ background-color:#A8C8D3 }
```

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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