

# Converting Colors

Hex(A8B9D3)

Have a look what the booklet for  
Hex(A8B9D3) contains.

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# **Color**

**Hex(A8B9D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8B9D3
RGB	168, 185, 211
RGB Percent	66%, 73%, 83%
CMY	0.3412, 0.2745, 0.1725
CMYK	0.20, 0.12, 0.00, 0.17
HSL	216°, 33%, 74%
HSV	216°, 20%, 83%
XYZ	45.2553, 47.7259, 68.4548
YIQ	182.8810, -18.4780, 4.4820

# Conversions

## Conversions Part 2

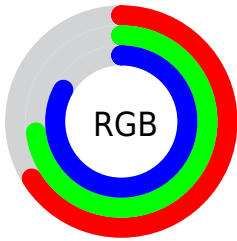
Format	Color
<b>RYB</b>	168, 180, 211
Decimal	11057619
CIELab	74.65, -0.31, -15.04
CIELCh	75, 15.042, 268.831
Yxy	47.7259, 0.2803, 0.2956
Android (android.graphics.Color)	4289247699 (0xFFA8B9D3)
YUV	182.8810, 13.8627, -13.0506
Hunter-Lab	69.0839, -3.9657, -10.3913

# Details

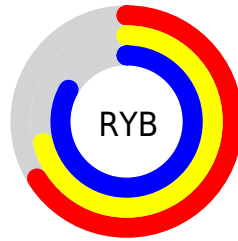
The Hex color **A8B9D3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D3C2A8**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E0F1FF**, and **73849C** is the 20% darker color. If you saturate the color by 10%, you get **93ACD3**, and if you desaturate by 10%, it is **BDC6D3**.

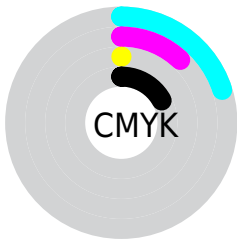
# Distribution



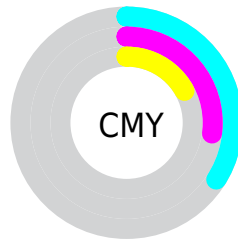
- Red (66%)
- Green (73%)
- Blue (83%)



- Red (66%)
- Yellow (71%)
- Blue (83%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (34%)
- Magenta (27%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8B9D3 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 A8B9D3 by changing the saturation by 10% instead.



 A8B9D3

 A8B9D3

FFFFFF

 8D9EB7

 E0F1FF

 73849C

 FCFFFF

 5A6B82

 425369

 2B3C51

 14263A

 001124

 00010E

 000000

 A8B9D3

 A8B9D3

 93ACD3

 BDC6D3

 7E9FD3

 D2D3D3

 6993D3

 E7DFD3

 5486D3

 FCECD3

 3F79D3

 FFF9D3

 296CD3

 FFFFD3

 1460D3

 0053D3

# Harmonies

## Analogous

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



9ABDCF



A8B9D3



BAB4D0

# Triad

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



A8B9D3



D5AFAB



A4BEA9

# Complementary

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



A8B9D3



D3C2A8

# 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.



B4BB9F



A8B9D3



CFB2A0

# Square

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



A8B9D3



D3AEB9



C3B69C



98C0B7

# Rectangle

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



A8B9D3



C5B1CA



C3B69C



A9BDA5

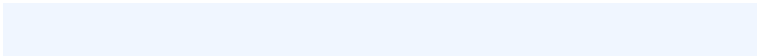


# Sweetspot

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



A8B9D3



F0F6FF



A8D3C2



777A80



000000



808080



# Same Dimension

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



A8B9D3



C2DAFF



ACA8D3



5E6269



0043A8



001029



# Inverse Universe

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



D3A8B9



FFC2DA



CFD3A8



695E62



A80043

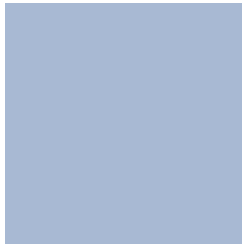


290010



# Previews

## White Background



This preview shows how the Hex color A8B9D3 looks on a white background.

## Color Contrast Check

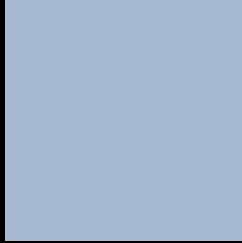
Large Text (above 18pt) WCAG AA × Fail

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 A8B9D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

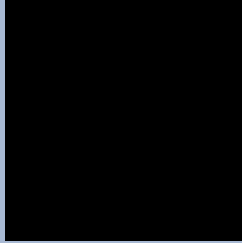
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

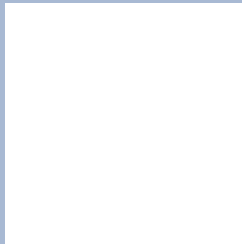
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A8B9D3 Background



This preview shows how black text looks on a background with the Hex color A8B9D3.

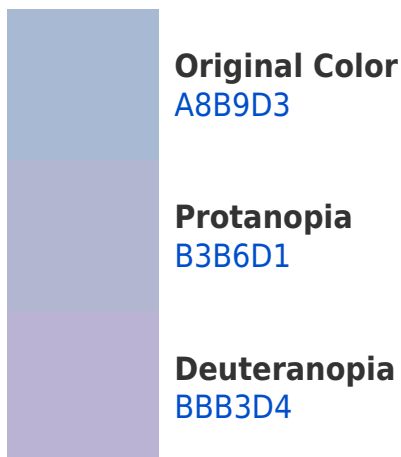


This preview shows how white text looks on a background with the Hex color A8B9D3.

# 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](#).

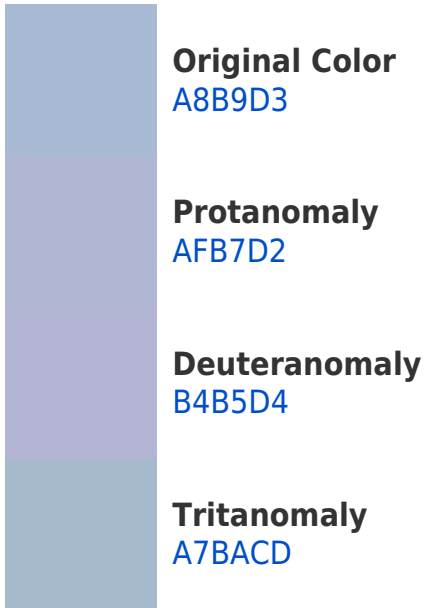
## Dichromacy





**Tritanopia**  
A6BBC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8B9D3 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 #A8B9D3 looks like.

```
.text, #text, p{  
    color:#A8B9D3  
}
```

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 #A8B9D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8B9D3  
}
```

## Border

The CSS property to change the border of an element to Hex A8B9D3 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  
#A8B9D3 }
```

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

```
.border{ border-color:#A8B9D3 }
```

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

Here you see how a box with a 4 pixel #A8B9D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8B9D3; -webkit-box-shadow:4px 4px  
4px 4px #A8B9D3; box-shadow:4px 4px 4px  
4px #A8B9D3 }
```

# Background

The CSS property to change the background color of an element to Hex A8B9D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8B9D3 }
```

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

```
.background{ background-color:#A8B9D3 }
```

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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