

# Converting Colors

Hex(A6C9D9)

Have a look what the booklet for  
Hex(A6C9D9) contains.

<b>Hex(A6C9D9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A6C9D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6C9D9
RGB	166, 201, 217
RGB Percent	65%, 79%, 85%
CMY	0.3490, 0.2118, 0.1490
CMYK	0.24, 0.07, 0.00, 0.15
HSL	199°, 40%, 75%
HSV	199°, 24%, 85%
XYZ	49.1369, 54.8900, 73.6507
YIQ	192.3590, -25.9960, -2.4440

# Conversions

## Conversions Part 2

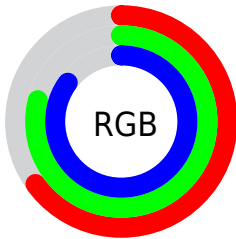
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 187, 217
Decimal	10930649
CIELab	78.98, -8.10, -11.81
CIElCh	79, 14.318, 235.566
Yxy	54.8900, 0.2766, 0.3089
Android (android.graphics.Color)	4289120729 (0xFFA6C9D9)
YUV	192.3590, 12.1480, -23.1168
Hunter-Lab	74.0878, -11.2679, -7.0787

# Details

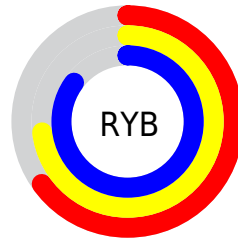
The Hex color **A6C9D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9B6A6**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **DEFFFF**, and **7193A2** is the 20% darker color. If you saturate the color by 10%, you get **90C2D9**, and if you desaturate by 10%, it is **BCD0D9**.

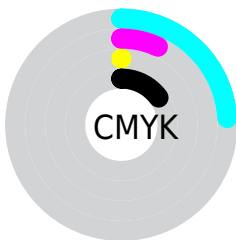
# Distribution



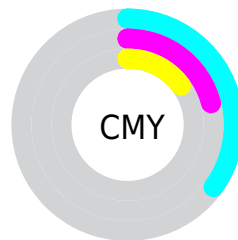
- Red (65%)
- Green (79%)
- Blue (85%)



- Red (65%)
- Yellow (73%)
- Blue (85%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (21%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6C9D9 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 A6C9D9 by changing the saturation by 10% instead.




 A6C9D9

 A6C9D9

FFFFFF

 8BAEBD

 DEFFFF

 7193A2

 FBFFFF

 587988

 3F606F

 274956

 0D323F

 001D29

 000115

 000000

 A6C9D9

 A6C9D9

 90C2D9

 BCD0D9

 7BBBD9

 D1D7D9

 65B5D9

 E7DDD9

 4FAED9

 FDE4D9

 3AA7D9

 FFEBD9

 24A0D9

 FFF2D9

 0E99D9

 FFF9D9

 0095D9

 FFFF9D

# Harmonies

## Analogous

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



A2CBCE



A6C9D9



B3C5DE

# Triad

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



A6C9D9



DDBBC6



C2C6AB

# Complementary

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



A6C9D9



D9B6A6

# 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.



D0C2A9



A6C9D9



E0BBB9

# Square

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



A6C9D9



D3BDD3



DBBEAE



B3CAB4

# Rectangle

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



A6C9D9



BEC2DD



DBBEAE



C7C5AA

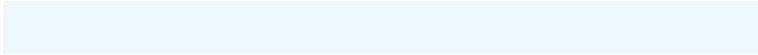


# Sweetspot

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



A6C9D9



EDF9FF



A6D9B5



757C80



000000



808080

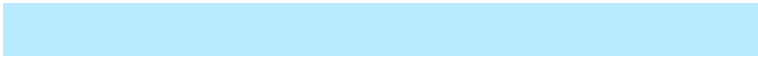


# Same Dimension

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



A6C9D9



B8E9FF



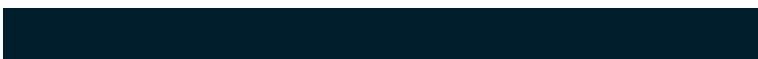
A6B0D9



636A6E



0077AD



001F2E



# Inverse Universe

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



D9A6C9



FFB8E9



D9CFA6



6E636A



AD0077

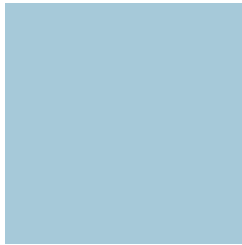


2E001F



# Previews

## White Background



This preview shows how the Hex color A6C9D9 looks on a white background.

## Color Contrast Check

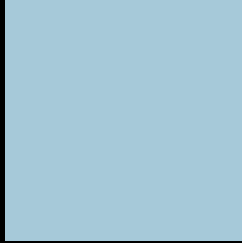
Large Text (above 18pt) WCAG AA × Fail

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 A6C9D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

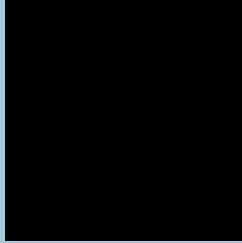
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A6C9D9 Background



This preview shows how black text looks on a background with the Hex color A6C9D9.

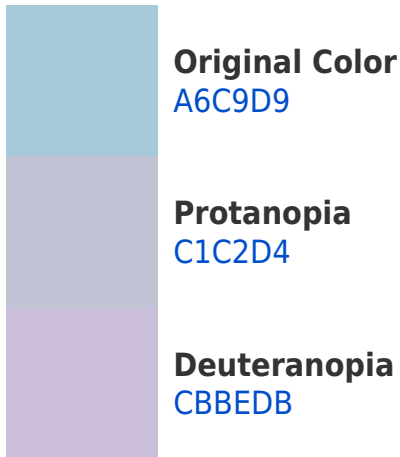


This preview shows how white text looks on a background with the Hex color A6C9D9.

# 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](#).

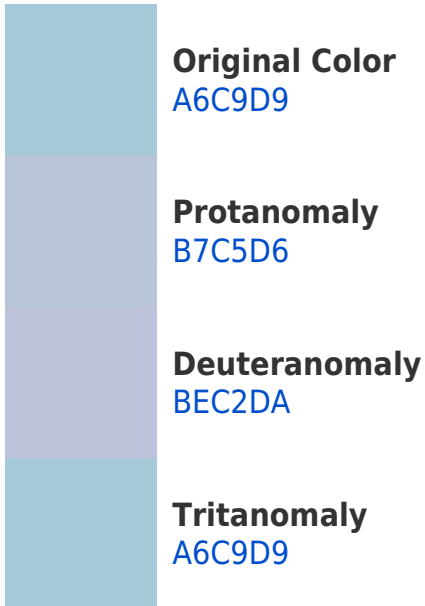
## Dichromacy



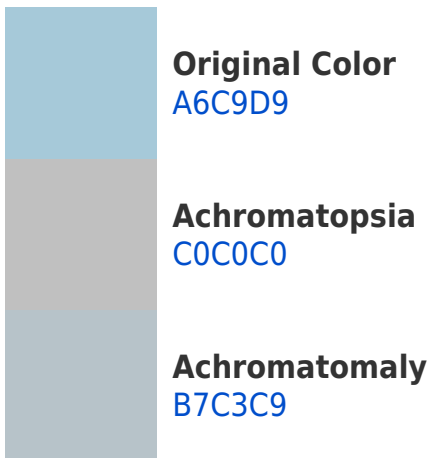


**Tritanopia**  
A6C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6C9D9 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 #A6C9D9 looks like.

```
.text, #text, p{  
    color:#A6C9D9  
}
```

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 #A6C9D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6C9D9
}
```

## Border

The CSS property to change the border of an element to Hex A6C9D9 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
#A6C9D9 }
```

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

```
.border{ border-color:#A6C9D9 }
```

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

Here you see how a box with a 4 pixel #A6C9D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6C9D9; -webkit-box-shadow:4px 4px  
4px 4px #A6C9D9; box-shadow:4px 4px 4px  
4px #A6C9D9 }
```

# Background

The CSS property to change the background color of an element to Hex A6C9D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6C9D9 }
```

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

```
.background{ background-color:#A6C9D9 }
```

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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