

# Converting Colors

Hex(A6D8D3)

Have a look what the booklet for  
Hex(A6D8D3) contains.

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# Color

**Hex(A6D8D3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | A6D8D3                       |
| RGB         | 166, 216, 211                |
| RGB Percent | 65%, 85%, 83%                |
| CMY         | 0.3490, 0.1529, 0.1725       |
| CMYK        | 0.23, 0.00, 0.02, 0.15       |
| HSL         | 174°, 39%, 75%               |
| HSV         | 174°, 23%, 85%               |
| XYZ         | 52.0396, 61.9219, 70.8374    |
| YIQ         | 200.4800, -28.1950, -12.1550 |

# Conversions

## Conversions Part 2

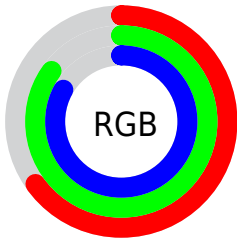
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 166, 192, 216                 |
| Decimal                             | 10934483                      |
| CIELab                              | 82.87, -17.13, -2.83          |
| CIElCh                              | 83, 17.361, 189.384           |
| Yxy                                 | 61.9219, 0.2816,<br>0.3351    |
| Android<br>(android.graphics.Color) | 4289124563<br>(0xFFA6D8D3)    |
| YUV                                 | 200.4800, 5.1864,<br>-30.2390 |
| Hunter-Lab                          | 78.6905, -19.6626,<br>1.7103  |

# Details

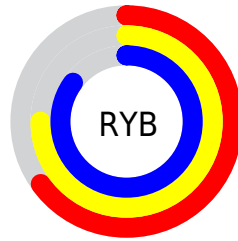
The Hex color **A6D8D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D8A6AB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **DEFFFF**, and **71A19D** is the 20% darker color. If you saturate the color by 10%, you get **90D8D1**, and if you desaturate by 10%, it is **BCD8D5**.

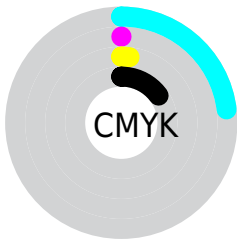
# Distribution



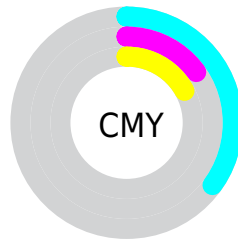
- Red (65%)
- Green (85%)
- Blue (83%)



- Red (65%)
- Yellow (75%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (35%)
- Magenta (15%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6D8D3 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 A6D8D3 by changing the saturation by 10% instead.



 A6D8D3

 A6D8D3

FFFFFF

 8BBCB7

 DEFFFF

 71A19D

 FBFFFF

 578782

 3E6D69

 255551

 0A3E3A

 002725

 001210

 000000

 A6D8D3

 A6D8D3

 90D8D1

 BCD8D5

 7BD8CF

 D1D8D7

 65D8CD

 E7D8D9

 50D8CA

 FCD8DC

 3AD8C8

 FFD8DE

 24D8C6

 FFD8E0

 0FD8C4

 FFD8E2

 00D8C2

 FFD8E4

 FFD8E6

# Harmonies

## Analogous

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



B2D7C2



A6D8D3



A5D7E2

# Triad

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



A6D8D3



D8C9E8



E6C9B0

# Complementary

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



A6D8D3



D8A6AB

# 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.



EFC5BA



A6D8D3



E8C4DA

# Square

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



A6D8D3



C3CEEE



F0C3CA



D6CFAE

# Rectangle

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



A6D8D3



ABD5EA



F0C3CA



EAC8B3



# Sweetspot

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



A6D8D3



EDFFFD



ABD8A6



75807E



000000



808080



# Same Dimension

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



A6D8D3



B8FFF8



A6C4D8



606B6A



00AB9A



002B27



# Inverse Universe

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



D8A6AB



FFB8BF



D8BAA6



6B6061



AB0011



2B0004



# Previews

## White Background



This preview shows how the Hex color A6D8D3 looks on a white background.

## Color Contrast Check

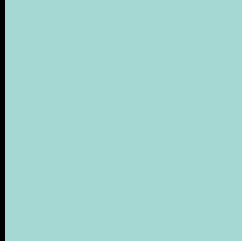
Large Text (above 18pt) WCAG AA × Fail

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 A6D8D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

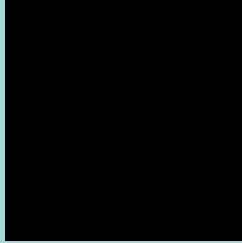
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

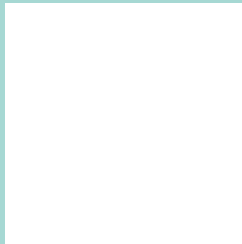
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A6D8D3 Background



This preview shows how black text looks on a background with the Hex color A6D8D3.

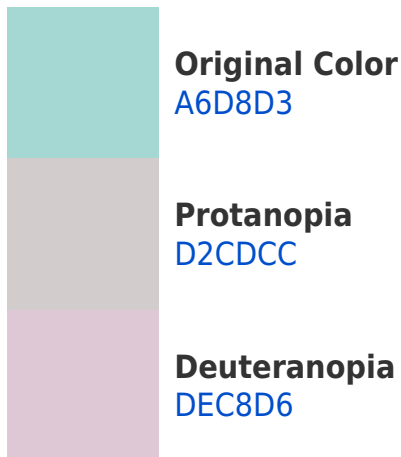


This preview shows how white text looks on a background with the Hex color A6D8D3.

# 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](#).

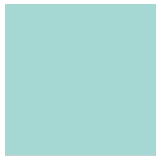
## Dichromacy



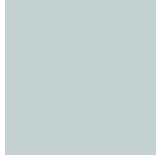


**Tritanopia**  
AAD5E6

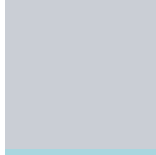
# Trichromacy



**Original Color**  
A6D8D3



**Protanomaly**  
C2D1CF



**Deuteranomaly**  
CACED5

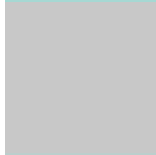


**Tritanomaly**  
A9D6DF

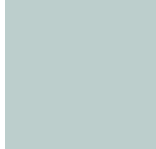
# Monochromacy



**Original Color**  
A6D8D3



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
BCCECC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6D8D3 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 #A6D8D3 looks like.

```
.text, #text, p{  
    color:#A6D8D3  
}
```

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 #A6D8D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6D8D3
}
```

## Border

The CSS property to change the border of an element to Hex A6D8D3 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
#A6D8D3 }
```

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

```
.border{ border-color:#A6D8D3 }
```

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

Here you see how a box with a 4 pixel #A6D8D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6D8D3; -webkit-box-shadow:4px 4px  
4px 4px #A6D8D3; box-shadow:4px 4px 4px  
4px #A6D8D3 }
```

# Background

The CSS property to change the background color of an element to Hex A6D8D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6D8D3 }
```

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

```
.background{ background-color:#A6D8D3 }
```

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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