

# Converting Colors

Hex(A7D9CD)

Have a look what the booklet for  
Hex(A7D9CD) contains.

|  |    |
|--|----|
| <b>Hex(A7D9CD)</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(A7D9CD)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | A7D9CD                       |
| RGB         | 167, 217, 205                |
| RGB Percent | 65%, 85%, 80%                |
| CMY         | 0.3451, 0.1490, 0.1961       |
| CMYK        | 0.23, 0.00, 0.06, 0.15       |
| HSL         | 166°, 40%, 75%               |
| HSV         | 166°, 23%, 85%               |
| XYZ         | 51.7686, 62.2490, 67.0444    |
| YIQ         | 200.6820, -25.9480, -14.3320 |

# Conversions

## Conversions Part 2

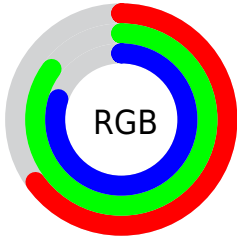
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 167, 195, 217                 |
| Decimal                             | 11000269                      |
| CIELab                              | 83.05, -18.59, 0.62           |
| CIELCh                              | 83, 18.600, 178.093           |
| Yxy                                 | 62.2490, 0.2859,<br>0.3438    |
| Android<br>(android.graphics.Color) | 4289190349<br>(0xFFA7D9CD)    |
| YUV                                 | 200.6820, 2.1288,<br>-29.5391 |
| Hunter-Lab                          | 78.8980, -20.9494,<br>4.8464  |

# Details

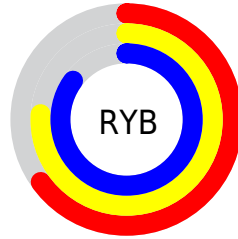
The Hex color **A7D9CD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9A7B3**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **DFFFFFF**, and **72A297** is the 20% darker color. If you saturate the color by 10%, you get **91D9C8**, and if you desaturate by 10%, it is **BDD9D2**.

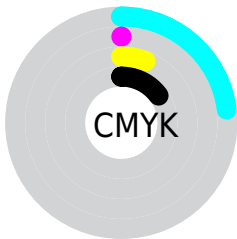
# Distribution



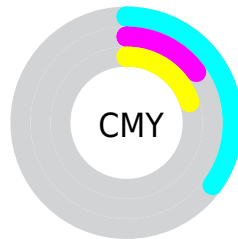
- Red (65%)
- Green (85%)
- Blue (80%)



- Red (65%)
- Yellow (76%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (35%)
- Magenta (15%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7D9CD 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 A7D9CD by changing the saturation by 10% instead.



 A7D9CD

 A7D9CD

FFFFFF

 8CBDB2

 DFFFFFF

 72A297

 FCFFFF

 58887D

 406E64

 27564C

 0D3E36

 002820

 001309

 000000

 A7D9CD

 A7D9CD

 91D9C8

 BDD9D2

 7CD9C3

 D2D9D7

 66D9BD

 E8D9DD

 50D9B8

 FED9E2

 3BD9B3

 FFD9E7

 25D9AE

 FFD9EC

 0FD9A9

 FFD9F1

 00D9A5

 FFD9F7

 FFD9FC

# Harmonies

## Analogous

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



B7D7BC



A7D9CD



A1D9DF

# Triad

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



A7D9CD



D1CBEE



EDC8B2

# Complementary

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



A7D9CD



D9A7B3

# 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.



F4C4BF



A7D9CD



E5C6E2

# Square

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



A7D9CD



BAD1F1



F1C3D1



DECDAC

# Rectangle

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



A7D9CD



A4D7E8



F1C3D1



F0C6B5



# Sweetspot

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



A7D9CD



EDFFFB



B4D9A7



75807D



000000



808080

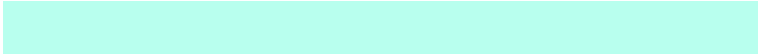


# Same Dimension

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



A7D9CD



B8FFEE



A7CCD9



636E6B



00AD84



002E23



# Inverse Universe

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



D9A7B3



FFB8C9



D9B4A7



6E6365



AD002A

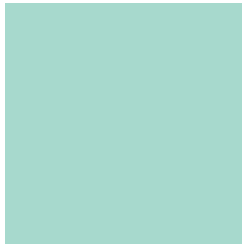


2E000B



# Previews

## White Background



This preview shows how the Hex color A7D9CD looks on a white background.

## Color Contrast Check

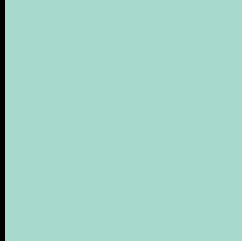
Large Text (above 18pt) WCAG AA × Fail

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 A7D9CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

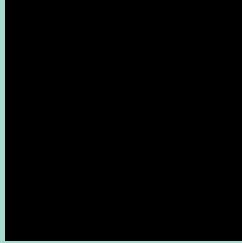
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

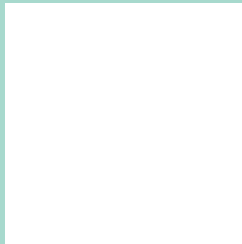
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A7D9CD Background



This preview shows how black text looks on a background with the Hex color A7D9CD.

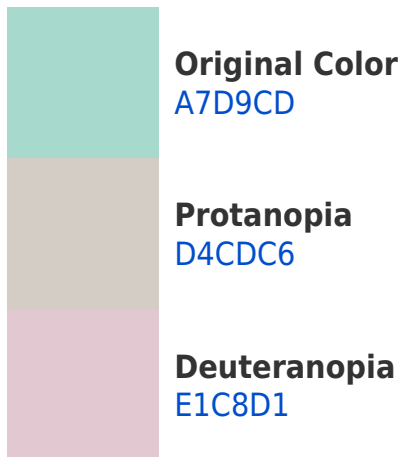


This preview shows how white text looks on a background with the Hex color A7D9CD.

# 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

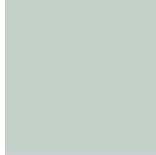




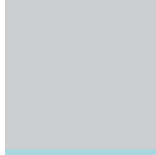
# Trichromacy



**Original Color**  
A7D9CD



**Protanomaly**  
C4D1C9



**Deuteranomaly**  
CCCE00

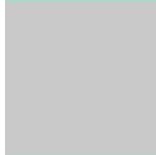


**Tritanomaly**  
AAD6DD

# Monochromacy



**Original Color**  
A7D9CD



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
BDCFCA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7D9CD 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 #A7D9CD looks like.

```
.text, #text, p{  
    color:#A7D9CD  
}
```

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 #A7D9CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7D9CD  
}
```

## Border

The CSS property to change the border of an element to Hex A7D9CD 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  
#A7D9CD }
```

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

```
.border{ border-color:#A7D9CD }
```

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

Here you see how a box with a 4 pixel #A7D9CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7D9CD; -webkit-box-shadow:4px 4px  
4px 4px #A7D9CD; box-shadow:4px 4px 4px  
4px #A7D9CD }
```

# Background

The CSS property to change the background color of an element to Hex A7D9CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7D9CD }
```

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

```
.background{ background-color:#A7D9CD }
```

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