

Converting Colors

Hex(A7DCD3)

Have a look what the booklet for
Hex(A7DCD3) contains.

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Color

Hex(A7DCD3)

Conversions

Conversions Part 1

Format	Color
Hex	A7DCD3
RGB	167, 220, 211
RGB Percent	65%, 86%, 83%
CMY	0.3451, 0.1373, 0.1725
CMYK	0.24, 0.00, 0.04, 0.14
HSL	170°, 43%, 76%
HSV	170°, 24%, 86%
XYZ	53.2874, 64.1050, 71.1930
YIQ	203.1270, -28.6990, -14.0350

Conversions

Conversions Part 2

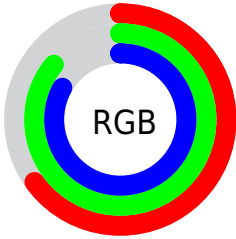
Format	Color
RYB	167, 196, 220
Decimal	11001043
CIELab	84.02, -18.84, -1.14
CIELCh	84, 18.871, 183.464
Yxy	64.1050, 0.2826, 0.3399
Android (android.graphics.Color)	4289191123 (0xFFA7DCD3)
YUV	203.1270, 3.8814, -31.6834
Hunter-Lab	80.0656, -21.3147, 3.3263

Details

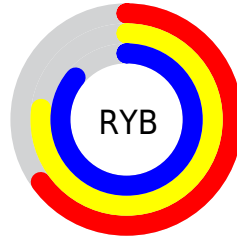
The Hex color **A7DCD3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DCA7B0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DFFFFFF**, and **72A59D** is the 20% darker color. If you saturate the color by 10%, you get **91DCCF**, and if you desaturate by 10%, it is **BDDCD7**.

Distribution



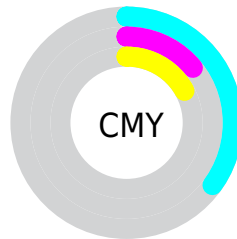
- Red (65%)
- Green (86%)
- Blue (83%)



- Red (65%)
- Yellow (77%)
- Blue (86%)



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (35%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7DCD3 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 A7DCD3 by changing the saturation by 10% instead.

 A7DCD3

 A7DCD3

FFFFFF

 8CC0B7

 DFFFFFF

 72A59D

 FCFFFF

 588A83

 3F7169

 265851

 09413A

 002A25

 001710

 000000

 A7DCD3

 A7DCD3

 91DCCF

 BDDCD7

 7BDCCC

 D3DCDA

 65DCC8

 E9DCDE

 4FDCC4

 FFDCE2

 39DCC0

 FFDCE6

 23DCBD

 FFDCE9

 0DDCB9

 FFDCEB

 00DCB7

 FFDCE1

 FFDCE5

Harmonies

Analogous

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



B6DAC1



A7DCD3



A3DBE4

Triad

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



A7DCD3



D8CCEF



EECBB2

Complementary

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



A7DCD3



DCA7B0

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.



F6C7BF



A7DCD3



EBC7E2

Square

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



A7DCD3



C0D2F5



F6C5D0



DED1AE

Rectangle

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



A7DCD3



A8D9ED



F6C5D0



F1C9B6

Sweetspot

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



A7DCD3



EDFFFC



B1DCA7



75807E



000000



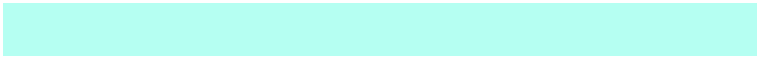
808080

Same Dimension

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



A7DCD3



B5FFF2



A7CBDC



636E6C



00AD90



002E26

Inverse Universe

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



DCA7B0



FFB5C2



DCB8A7



6E6365



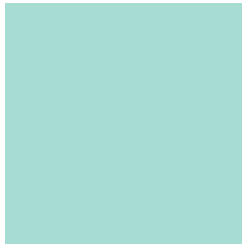
AD001D



2E0008

Previews

White Background



This preview shows how the Hex color A7DCD3 looks on a white background.

Color Contrast Check

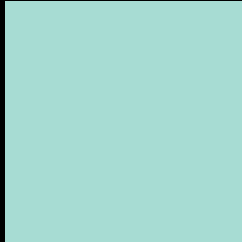
Large Text (above 18pt) WCAG AA × Fail

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 A7DCD3 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

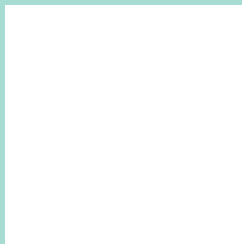
Any Text WCAG AAA ✓ Pass

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

Hex A7DCD3 Background



This preview shows how black text looks on a background with the Hex color A7DCD3.

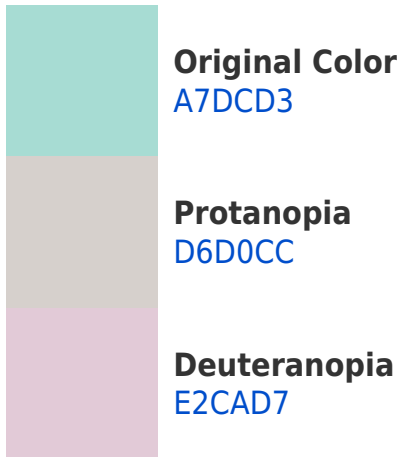


This preview shows how white text looks on a background with the Hex color A7DCD3.

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

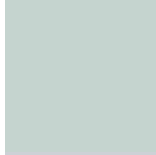


Trichromacy



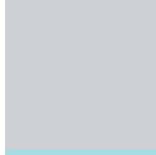
Original Color

A7DCD3



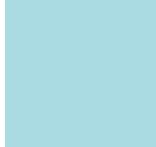
Protanomaly

C5D4CF



Deuteranomaly

CDD1D6



Tritanomaly

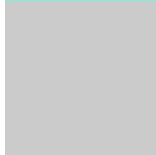
AADAE2

Monochromacy



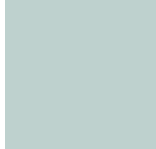
Original Color

A7DCD3



Achromatopsia

CBCBCB



Achromatomaly

BED1CE

CSS Examples

Text

The CSS property to change the color of the text to Hex A7DCD3 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 #A7DCD3 looks like.

```
.text, #text, p{  
    color:#A7DCD3  
}
```

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 #A7DCD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7DCD3
}
```

Border

The CSS property to change the border of an element to Hex A7DCD3 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
#A7DCD3 }
```

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

```
.border{ border-color:#A7DCD3 }
```

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

Here you see how a box with a 4 pixel #A7DCD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7DCD3; -webkit-box-shadow:4px 4px  
4px 4px #A7DCD3; box-shadow:4px 4px 4px  
4px #A7DCD3 }
```

Background

The CSS property to change the background color of an element to Hex A7DCD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7DCD3 }
```

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

```
.background{ background-color:#A7DCD3 }
```

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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