

Converting Colors

Hex(A6DDCD)

Have a look what the booklet for
Hex(A6DDCD) contains.

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Color

Hex(A6DDCD)

Conversions

Conversions Part 1

Format	Color
Hex	A6DDCD
RGB	166, 221, 205
RGB Percent	65%, 87%, 80%
CMY	0.3490, 0.1333, 0.1961
CMYK	0.25, 0.00, 0.07, 0.13
HSL	163°, 45%, 76%
HSV	163°, 25%, 87%
XYZ	52.6018, 64.2277, 67.3824
YIQ	202.7310, -27.6440, -16.6360

Conversions

Conversions Part 2

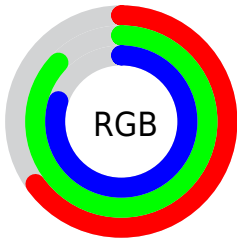
Format	Color
RYB	166, 198, 221
Decimal	10935757
CIELab	84.08, -20.89, 2.12
CIELCh	84, 20.995, 174.194
Yxy	64.2277, 0.2856, 0.3487
Android (android.graphics.Color)	4289125837 (0xFFA6DDCD)
YUV	202.7310, 1.1186, -32.2131
Hunter-Lab	80.1422, -23.0893, 6.2493

Details

The Hex color **A6DDCD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DDA6B6**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DEFFFF**, and **71A697** is the 20% darker color. If you saturate the color by 10%, you get **90DDC7**, and if you desaturate by 10%, it is **BCDDD3**.

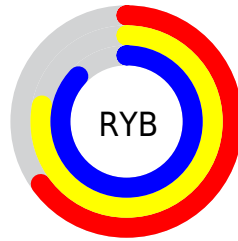
Distribution



Red (65%)

Green (87%)

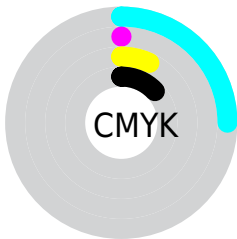
Blue (80%)



Red (65%)

Yellow (78%)

Blue (87%)

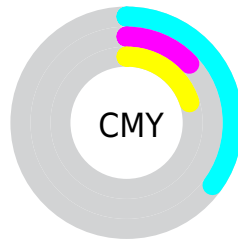


Cyan (25%)

Magenta (0%)

Yellow (7%)

Black (13%)



Cyan (35%)

Magenta (13%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6DDCD 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 A6DDCD by changing the saturation by 10% instead.

 A6DDCD

 A6DDCD

FFFFFF

 8BC1B2

 DEFFFF

 71A697

 FBFFFF

 578B7D

 3E7264

 25594C

 084136

 002B20

 001709

 000000

 A6DDCD

 A6DDCD

 90DDC7

 BCDDD3

 7ADDC0

 D2DDDA

 64DDBA

 E8DDE0

 4EDDB3

 FEDDE7

 38DDAD

 FFDEED

 21DDA6

 FFDDF4

 0BDDA0

 FFDDFA

 00DD9D

 FFDDFF

Harmonies

Analogous

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



B9DABA



A6DDCD



9DDDE1

Triad

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



A6DDCD



D0CEF6



F5C9B2

Complementary

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



A6DDCD



DDA6B6

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.



FBC5C2



A6DDCD



E8C8E9

Square

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



A6DDCD



B6D5F9



F7C4D6



E5CFAB

Rectangle

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



A6DDCD



9FDBED



F7C4D6



F8C7B7

Sweetspot

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



A6DDCD



EDFFFA



B7DDA6



75807D



000000



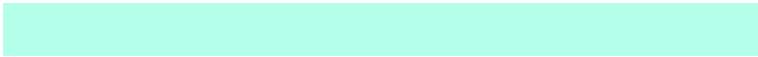
808080

Same Dimension

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



A6DDCD



B3FFE9



A6D2DD



636E6A



00AD7B



002E21

Inverse Universe

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



DDA6B6



FFB3C9



DDB1A6



6E6366



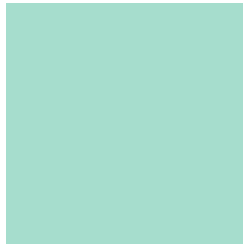
AD0032



2E000D

Previews

White Background



This preview shows how the Hex color A6DDCD looks on a white background.

Color Contrast Check

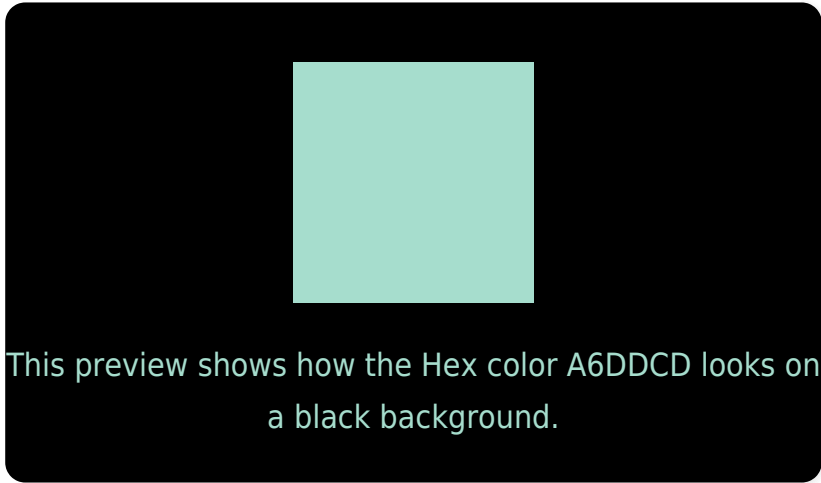
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

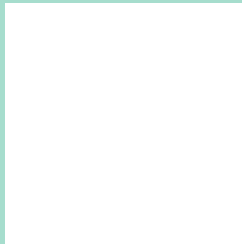
Any Text WCAG AAA ✓ Pass

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

Hex A6DDCD Background



This preview shows how black text looks on a background with the Hex color A6DDCD.

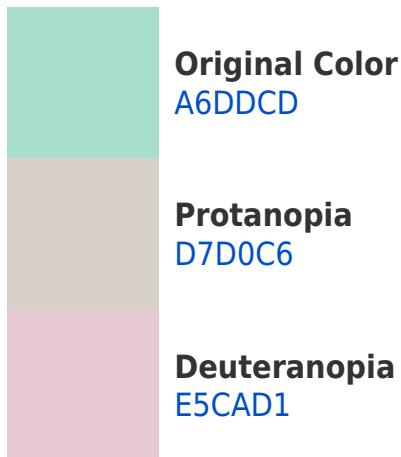


This preview shows how white text looks on a background with the Hex color A6DDCD.

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
ACD9EA

Trichromacy



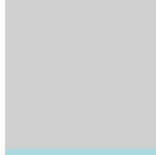
Original Color

A6DDCD



Protanomaly

C5D5C9



Deuteranomaly

CED1D0



Tritanomaly

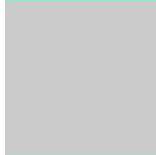
AADADF

Monochromacy



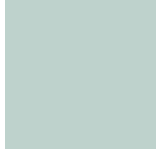
Original Color

A6DDCD



Achromatopsia

CBCBCB



Achromatomaly

BED2CC

CSS Examples

Text

The CSS property to change the color of the text to Hex A6DDCD 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 #A6DDCD looks like.

```
.text, #text, p{  
    color:#A6DDCD  
}
```

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 #A6DDCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6DDCD
}
```

Border

The CSS property to change the border of an element to Hex A6DDCD 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
#A6DDCD }
```

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

```
.border{ border-color:#A6DDCD }
```

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

Here you see how a box with a 4 pixel #A6DDCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6DDCD; -webkit-box-shadow:4px 4px  
4px 4px #A6DDCD; box-shadow:4px 4px 4px  
4px #A6DDCD }
```

Background

The CSS property to change the background color of an element to Hex A6DDCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6DDCD }
```

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

```
.background{ background-color:#A6DDCD }
```

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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