

# Converting Colors

Hex(A5D8DB)

Have a look what the booklet for  
Hex(A5D8DB) contains.

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# Color

**Hex(A5D8DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5D8DB
RGB	165, 216, 219
RGB Percent	65%, 85%, 86%
CMY	0.3529, 0.1529, 0.1412
CMYK	0.25, 0.01, 0.00, 0.14
HSL	183°, 43%, 75%
HSV	183°, 25%, 86%
XYZ	52.8591, 62.2255, 76.2426
YIQ	201.0930, -31.3590, -9.8790

# Conversions

## Conversions Part 2

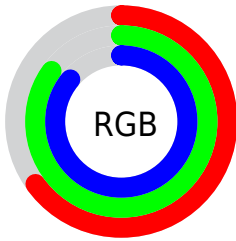
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 191, 219
Decimal	10868955
CIE <sub>Lab</sub>	83.03, -15.69, -6.85
CIE <sub>LCh</sub>	83, 17.120, 203.596
Yxy	62.2255, 0.2763, 0.3252
Android (android.graphics.Color)	4289059035 (0xFFA5D8DB)
YUV	201.0930, 8.8282, -31.6536
Hunter-Lab	78.8832, -18.4338, -2.0871

# Details

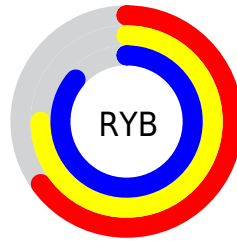
The Hex color **A5D8DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBA8A5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **DDFFFF**, and **70A1A4** is the 20% darker color. If you saturate the color by 10%, you get **8FD7DB**, and if you desaturate by 10%, it is **BBD9DB**.

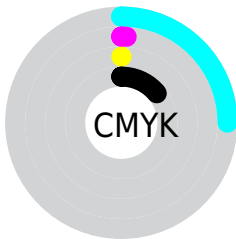
# Distribution



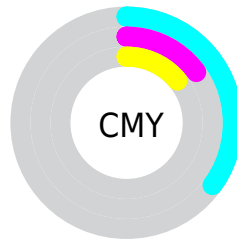
- Red (65%)
- Green (85%)
- Blue (86%)



- Red (65%)
- Yellow (75%)
- Blue (86%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (35%)
- Magenta (15%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5D8DB 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 A5D8DB by changing the saturation by 10% instead.



 A5D8DB

 A5D8DB

FFFFFF

 8ABCBF

 DDFFFF

 70A1A4

 FAFFFF

 56878A

 3C6D70

 235558

 043E41

 00282B

 001316

 000000

 A5D8DB

 A5D8DB

 8FD7DB

 BBD9DB

 79D6DB

 D1DADB

 63D4DB

 E7DCDB

 4DD3DB

 FDDDDDB

 38D2DB

 FFDEDB

 22D1DB

 FFDFDB

 0CCFDB

 FFE1DB

 00CFDB

 FFE2DB

 FFE3DB

# Harmonies

## Analogous

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



ACD8CB



A5D8DB



AAD6E8

# Triad

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



A5D8DB



E1C7E2



DFCCAF

# Complementary

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



A5D8DB



DBA8A5

# 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.



ECC7B5



A5D8DB



EDC4D3

# Square

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



A5D8DB



CECCEC



F1C4C3



CED2B1

# Rectangle

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



A5D8DB



B3D3ED



F1C4C3



E4CBB0



# Sweetspot

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



A5D8DB



EDFEFF



A5DBA8



757F80



000000



808080



# Same Dimension

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



A5D8DB



B3FBFF



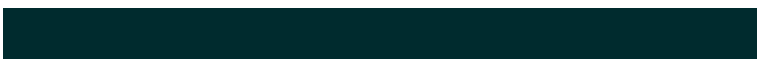
A5BDDB



636D6E



00A4AD



002B2E



# Inverse Universe

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



DBA5D8



FFB3FB



DBC3A5



6E636D



AD00A4

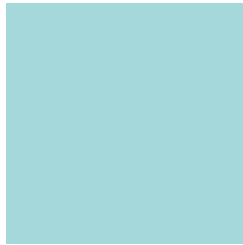


2E002B



# Previews

## White Background



This preview shows how the Hex color A5D8DB looks on a white background.

## Color Contrast Check

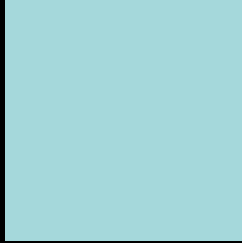
Large Text (above 18pt) WCAG AA × Fail

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 A5D8DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

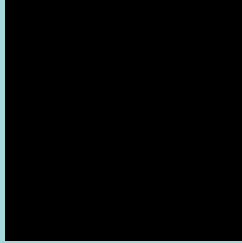
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

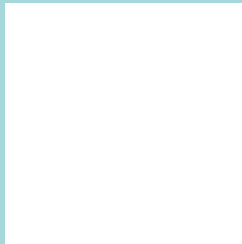
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A5D8DB Background



This preview shows how black text looks on a background with the Hex color A5D8DB.

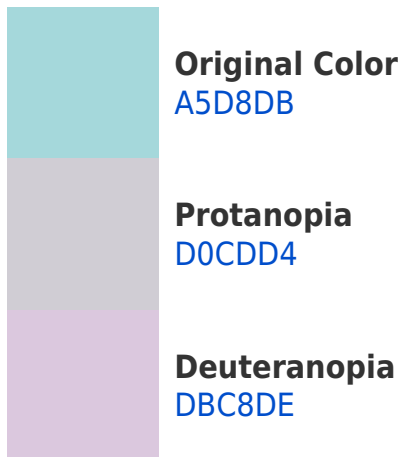


This preview shows how white text looks on a background with the Hex color A5D8DB.

# 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





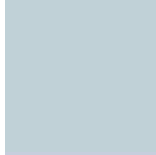
**Tritanopia**  
A8D6E7

# Trichromacy



**Original Color**

A5D8DB



**Protanomaly**

C0D1D7



**Deuteranomaly**

C7CEDD



**Tritanomaly**

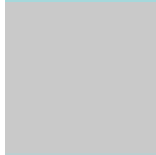
A7D7E3

# Monochromacy



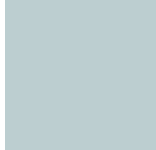
**Original Color**

A5D8DB



**Achromatopsia**

C9C9C9



**Achromatomaly**

BCCED0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5D8DB 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 #A5D8DB looks like.

```
.text, #text, p{  
    color:#A5D8DB  
}
```

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 #A5D8DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5D8DB
}
```

## Border

The CSS property to change the border of an element to Hex A5D8DB 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
#A5D8DB }
```

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

```
.border{ border-color:#A5D8DB }
```

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

Here you see how a box with a 4 pixel #A5D8DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5D8DB; -webkit-box-shadow:4px 4px  
4px 4px #A5D8DB; box-shadow:4px 4px 4px  
4px #A5D8DB }
```

# Background

The CSS property to change the background color of an element to Hex A5D8DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5D8DB }
```

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

```
.background{ background-color:#A5D8DB }
```

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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