

# Converting Colors

Hex(A1DBD7)

Have a look what the booklet for  
Hex(A1DBD7) contains.

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# Color

**Hex(A1DBD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1DBD7
RGB	161, 219, 215
RGB Percent	63%, 86%, 84%
CMY	0.3686, 0.1412, 0.1569
CMYK	0.26, 0.00, 0.02, 0.14
HSL	176°, 45%, 75%
HSV	176°, 26%, 86%
XYZ	52.2952, 63.1464, 73.7222
YIQ	201.2020, -33.2840, -13.5400

# Conversions

## Conversions Part 2

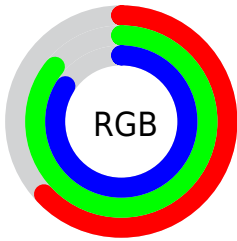
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 191, 219
Decimal	10607575
CIELab	83.52, -19.25, -4.04
CIElCh	84, 19.670, 191.840
Yxy	63.1464, 0.2765, 0.3338
Android (android.graphics.Color)	4288797655 (0xFFA1DBD7)
YUV	201.2020, 6.8024, -35.2572
Hunter-Lab	79.4647, -21.5936, 0.6199

# Details

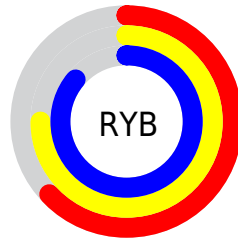
The Hex color **A1DBD7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBA1A5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D9FFFF**, and **6BA4A0** is the 20% darker color. If you saturate the color by 10%, you get **8BDBD5**, and if you desaturate by 10%, it is **B7DBD9**.

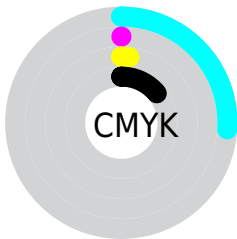
# Distribution



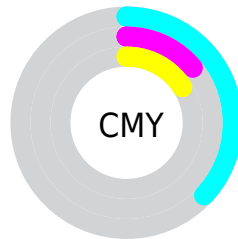
- Red (63%)
- Green (86%)
- Blue (84%)



- Red (63%)
- Yellow (75%)
- Blue (86%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (37%)
- Magenta (14%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1DBD7 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 A1DBD7 by changing the saturation by 10% instead.



 A1DBD7

 A1DBD7

FFFFFF

 86BFBB

 D9FFFF

 6BA4A0

 F6FFFF

 518986

 38706D

 1D5755

 00403E

 002928

 001513

 000000

 A1DBD7

 A1DBD7

 8BDBD5

 B7DBD9

 75DBD4

 CDDBDA

 5FDBD2

 E3DBDC

 49DBD1

 F9DBDD

 33DBCf

 FFDBDF

 1EDBCE

 FFDBE0

 08DBCC

 FFDBE2

 00DBCC

 FFDBE3

 FFDBE5

# Harmonies

## Analogous

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



AEDAC4



A1DBD7



A1D9E8

# Triad

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



A1DBD7



DDC9EC



E9CBAD

# Complementary

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



A1DBD7



DBA1A5

# 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.



F5C6B8



A1DBD7



EEC5DC

# Square

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



A1DBD7



C5CFF4



F7C3C9



D7D1AC

# Rectangle

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



A1DBD7



A8D7F0



F7C3C9



EEC9B0

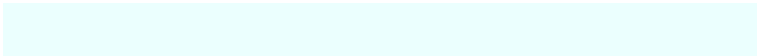


# Sweetspot

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



A1DBD7



EBFFFE



A6DBA1



73807F



000000



808080



# Same Dimension

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



A1DBD7



ADFFF9



A1C3DB



636E6D



00ADA1



002E2B



# Inverse Universe

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



DBA1A5



FFADB3



DBB9A1



6E6363



AD000C

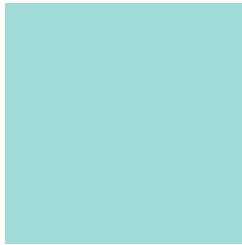


2E0003



# Previews

## White Background



This preview shows how the Hex color A1DBD7 looks on a white background.

## Color Contrast Check

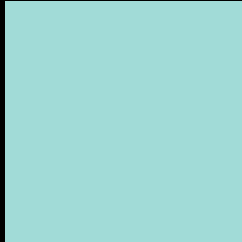
Large Text (above 18pt) WCAG AA × Fail

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 A1DBD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

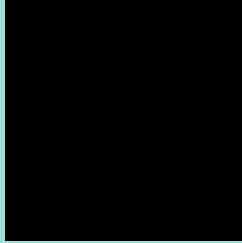
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

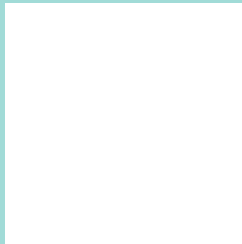
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A1DBD7 Background



This preview shows how black text looks on a background with the Hex color A1DBD7.

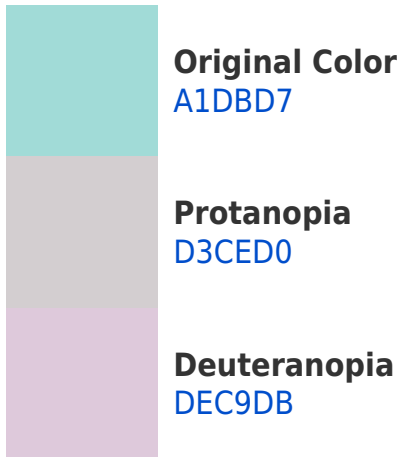


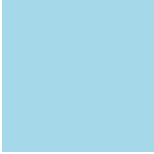
This preview shows how white text looks on a background with the Hex color A1DBD7.

# 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](#).

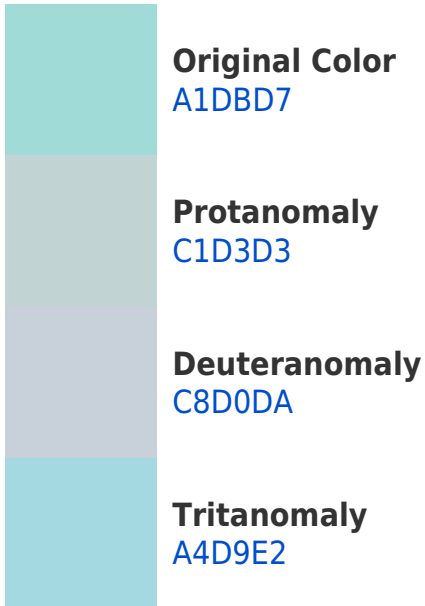
## Dichromacy



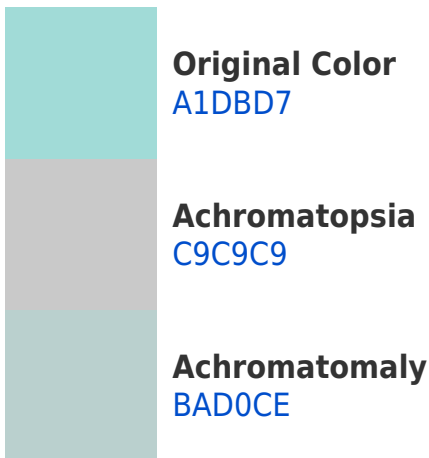


**Tritanopia**  
A5D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1DBD7 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 #A1DBD7 looks like.

```
.text, #text, p{  
    color:#A1DBD7  
}
```

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 #A1DBD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1DBD7  
}
```

## Border

The CSS property to change the border of an element to Hex A1DBD7 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  
#A1DBD7 }
```

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

```
.border{ border-color:#A1DBD7 }
```

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

Here you see how a box with a 4 pixel #A1DBD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1DBD7; -webkit-box-shadow:4px 4px  
4px 4px #A1DBD7; box-shadow:4px 4px 4px  
4px #A1DBD7 }
```

# Background

The CSS property to change the background color of an element to Hex A1DBD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1DBD7 }
```

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

```
.background{ background-color:#A1DBD7 }
```

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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