

# Converting Colors

Hex(ABD7D4)

Have a look what the booklet for  
Hex(ABD7D4) contains.

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# Color

**Hex(ABD7D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABD7D4
RGB	171, 215, 212
RGB Percent	67%, 84%, 83%
CMY	0.3294, 0.1569, 0.1686
CMYK	0.20, 0.00, 0.01, 0.16
HSL	176°, 35%, 76%
HSV	176°, 20%, 84%
XYZ	52.9787, 62.0123, 71.4646
YIQ	201.5020, -25.2610, -10.2610

# Conversions

## Conversions Part 2

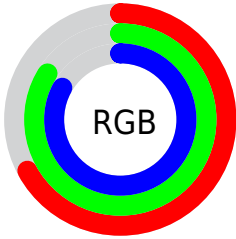
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 194, 215
Decimal	11261908
CIELab	82.92, -14.89, -3.26
CIELCh	83, 15.243, 192.341
Yxy	62.0123, 0.2841, 0.3326
Android (android.graphics.Color)	4289451988 (0xFFABD7D4)
YUV	201.5020, 5.1755, -26.7503
Hunter-Lab	78.7479, -17.7205, 1.3171

# Details

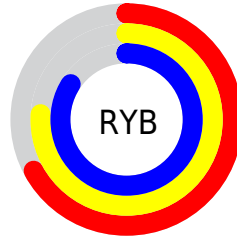
The Hex color **ABD7D4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D7ABAE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E3FFFF**, and **76A09D** is the 20% darker color. If you saturate the color by 10%, you get **96D7D3**, and if you desaturate by 10%, it is **C1D7D5**.

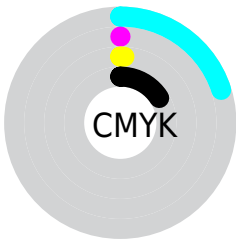
# Distribution



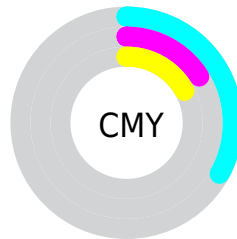
- Red (67%)
- Green (84%)
- Blue (83%)



- Red (67%)
- Yellow (76%)
- Blue (84%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABD7D4 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 ABD7D4 by changing the saturation by 10% instead.



 ABD7D4

 ABD7D4

FFFFFF

 90BBB8

 E3FFFF

 76A09D

 5C8683

 446D6A

 2B5452

 133D3B

 002726

 001311

 000000

 ABD7D4

 ABD7D4

 96D7D3

 C1D7D5

 80D7D1

 D6D7D7

 6AD7D0

 ECD7D8

 55D7CE

 FFD7DA

 3FD7CD

 FFD7DB

 2AD7CB

 FFD7DD

 14D7CA

 FFD7DE

 00D7C8

 FFD7E0

 FFD7E1

# Harmonies

## Analogous

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



B4D6C5



ABD7D4



ABD6E1

# Triad

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



ABD7D4



D8C9E4



E2CBB4

# Complementary

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



ABD7D4



D7ABAE

# 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.



EBC7BC



ABD7D4



E6C6D8

# Square

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



ABD7D4



C7CEEA



EDC5C9



D4CFB3

# Rectangle

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



ABD7D4



B1D4E7



EDC5C9



E6C9B6

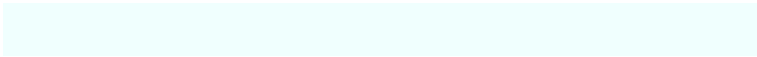


# Sweetspot

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



ABD7D4



F0FFFE



AFD7AB



77807F



000000



808080

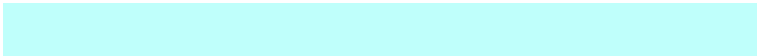


# Same Dimension

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



ABD7D4



BFFFFB



ABC5D7



606B6A



00AB9F



002B28



# Inverse Universe

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



D7ABAE



FFBFC4



D7BDAB



6B6061



AB000C

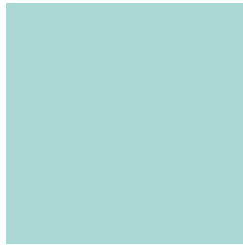


2B0003



# Previews

## White Background



This preview shows how the Hex color ABD7D4 looks on a white background.

## Color Contrast Check

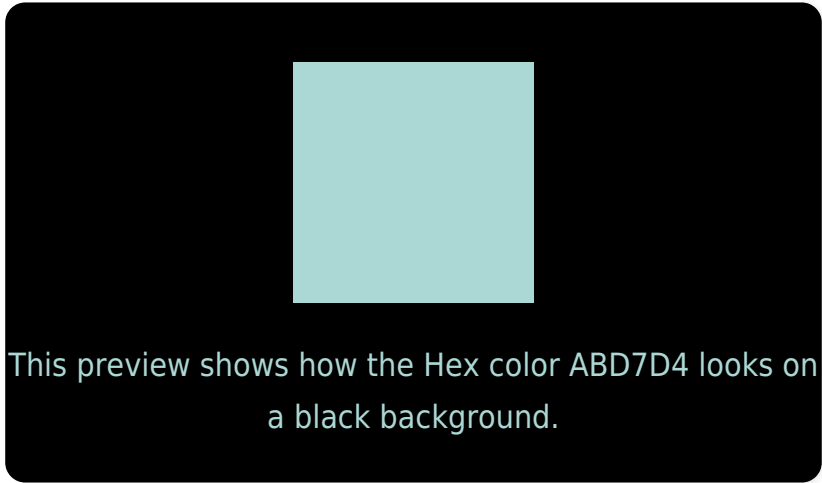
Large Text (above 18pt) WCAG AA × Fail

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

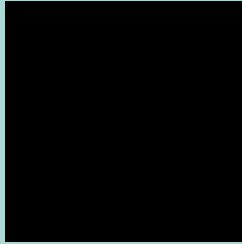
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABD7D4 Background



This preview shows how black text looks on a background with the Hex color ABD7D4.

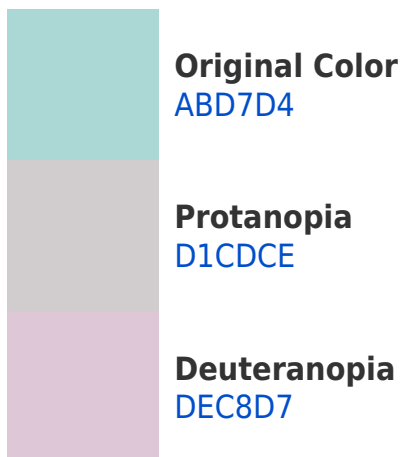


This preview shows how white text looks on a background with the Hex color ABD7D4.

# 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**  
AED4E5

# Trichromacy



**Original Color**  
ABD7D4

**Protanomaly**  
C3D1D0

**Deuteranomaly**  
CBCDD6

**Tritanomaly**  
ADD5DF

# Monochromacy



**Original Color**  
ABD7D4

**Achromatopsia**  
CACACA

**Achromatomaly**  
BFCFCE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABD7D4 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 #ABD7D4 looks like.

```
.text, #text, p{  
    color:#ABD7D4  
}
```

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 #ABD7D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABD7D4
}
```

## Border

The CSS property to change the border of an element to Hex ABD7D4 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
#ABD7D4 }
```

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

```
.border{ border-color:#ABD7D4 }
```

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

Here you see how a box with a 4 pixel #ABD7D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABD7D4; -webkit-box-shadow:4px 4px  
4px 4px #ABD7D4; box-shadow:4px 4px 4px  
4px #ABD7D4 }
```

# Background

The CSS property to change the background color of an element to Hex ABD7D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABD7D4 }
```

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

```
.background{ background-color:#ABD7D4 }
```

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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