

# Converting Colors

Hex(ABD6E2)

Have a look what the booklet for  
Hex(ABD6E2) contains.

<b>Hex(ABD6E2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ABD6E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABD6E2
RGB	171, 214, 226
RGB Percent	67%, 84%, 89%
CMY	0.3294, 0.1608, 0.1137
CMYK	0.24, 0.05, 0.00, 0.11
HSL	193°, 49%, 78%
HSV	193°, 24%, 89%
XYZ	54.5686, 62.2420, 81.0894
YIQ	202.5110, -29.4800, -5.3840

# Conversions

## Conversions Part 2

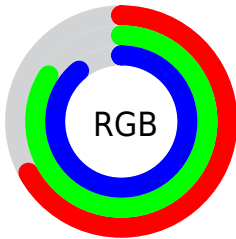
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 195, 226
Decimal	11261666
CIELab	83.04, -11.34, -10.52
CIELCh	83, 15.472, 222.861
Yxy	62.2420, 0.2757, 0.3145
Android (android.graphics.Color)	4289451746 (0xFFABD6E2)
YUV	202.5110, 11.5801, -27.6351
Hunter-Lab	78.8936, -14.6002, -5.7146

# Details

The Hex color **ABD6E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2B7AB**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E3FFFF**, and **759FAB** is the 20% darker color. If you saturate the color by 10%, you get **94D1E2**, and if you desaturate by 10%, it is **C2DBE2**.

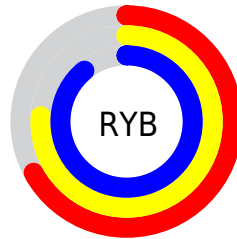
# Distribution



Red (67%)

Green (84%)

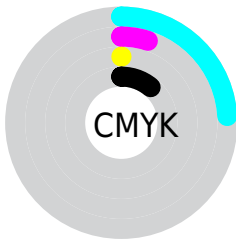
Blue (89%)



Red (67%)

Yellow (76%)

Blue (89%)

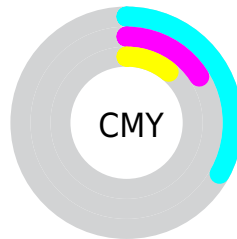


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (16%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABD6E2 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 ABD6E2 by changing the saturation by 10% instead.



 ABD6E2

 ABD6E2

FFFFFF

 90BAC6

 E3FFFF

 759FAB

 5C8590

 436C77

 2A545E

 0F3C46

 002630

 00131B

 000000

 ABD6E2

 ABD6E2

 94D1E2

 C2DBE2

 7ECCE2

 D8E0E2

 67C7E2

 EFE5E2

 51C2E2

 FFEAE2

 3ABDE2

 FFEFE2

 23B8E2

 FFF4E2

 0DB3E2

 FFF9E2

 00B1E2

 FFFDE2

 FFFF2

# Harmonies

## Analogous

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



ABD7D5



ABD6E2



B6D3EA

# Triad

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



ABD6E2



E7C6D8



D4D0B2

# Complementary

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



ABD6E2



E2B7AB

# 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.



E3CBB3



ABD6E2



EEC5C9

# Square

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



ABD6E2



D9C9E4



ECC7BC



C3D4B9

# Rectangle

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



ABD6E2



C1D0EC



ECC7BC



D9CEB2



# Sweetspot

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



ABD6E2



EDFBFF



ABE2B7



757D80



000000



808080

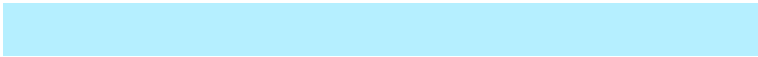


# Same Dimension

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



ABD6E2



B5EFFF



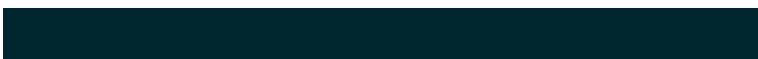
ABBBE2



656E70



008AB0



002630



# Inverse Universe

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



E2ABD6



FFB5EF



E2D2AB



70656E



B0008A

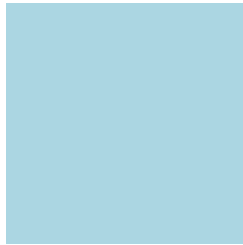


300026



# Previews

## White Background



This preview shows how the Hex color ABD6E2 looks on a white background.

## Color Contrast Check

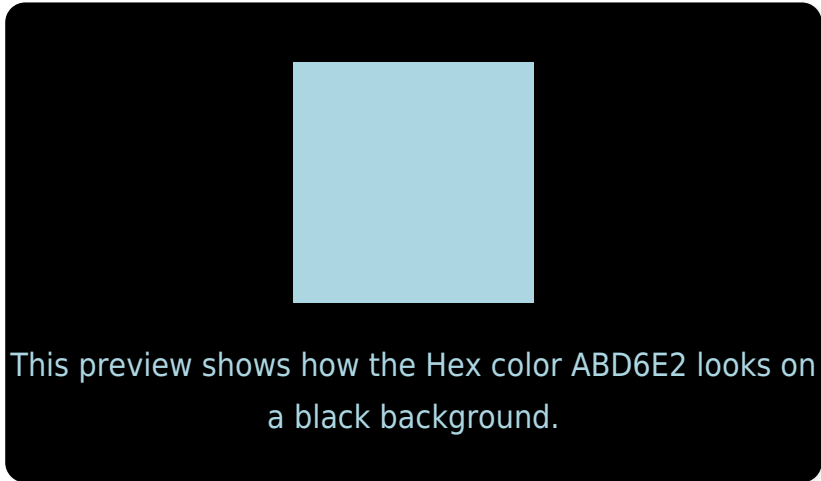
Large Text (above 18pt) WCAG AA × Fail

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

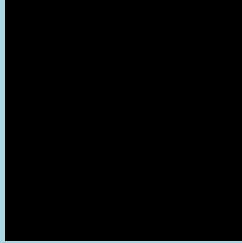
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABD6E2 Background



This preview shows how black text looks on a background with the Hex color ABD6E2.

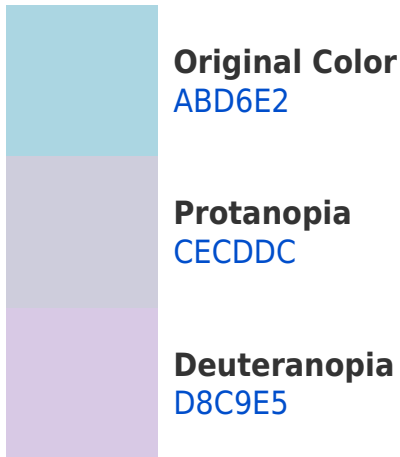


This preview shows how white text looks on a background with the Hex color ABD6E2.

# Color Blindness Simulation

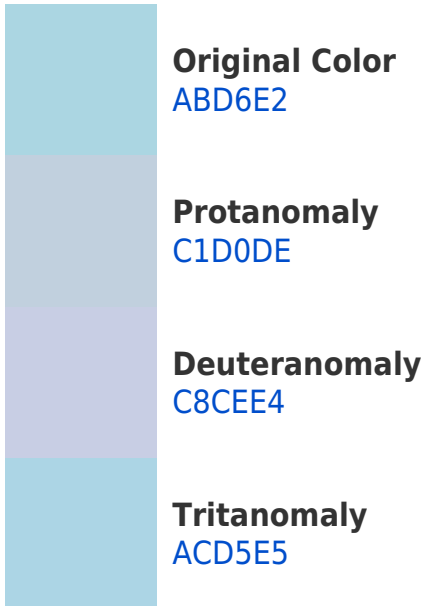
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

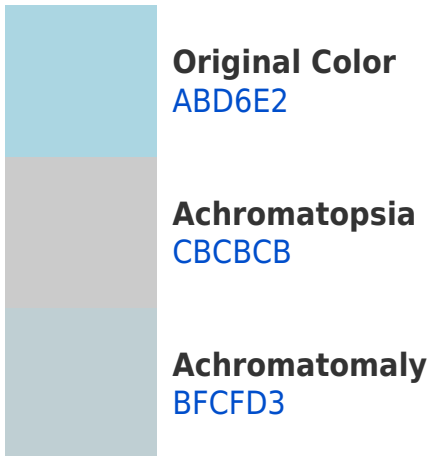




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABD6E2 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 #ABD6E2 looks like.

```
.text, #text, p{  
    color:#ABD6E2  
}
```

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 #ABD6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABD6E2
}
```

## Border

The CSS property to change the border of an element to Hex ABD6E2 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
#ABD6E2 }
```

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

```
.border{ border-color:#ABD6E2 }
```

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

Here you see how a box with a 4 pixel #ABD6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABD6E2; -webkit-box-shadow:4px 4px  
4px 4px #ABD6E2; box-shadow:4px 4px 4px  
4px #ABD6E2 }
```

# Background

The CSS property to change the background color of an element to Hex ABD6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABD6E2 }
```

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

```
.background{ background-color:#ABD6E2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor