

# Converting Colors

Hex(ABDBED)

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

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# **Color**

**Hex(ABDBED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABDBED
RGB	171, 219, 237
RGB Percent	67%, 86%, 93%
CMY	0.3294, 0.1412, 0.0706
CMYK	0.28, 0.08, 0.00, 0.07
HSL	196°, 65%, 80%
HSV	196°, 28%, 93%
XYZ	57.4122, 65.4354, 89.7251
YIQ	206.7000, -34.3860, -4.5780

# Conversions

## Conversions Part 2

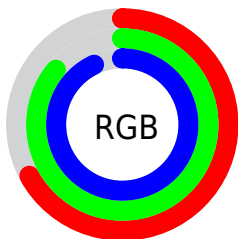
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	171, 199, 237
Decimal	11262957
CIE <sub>Lab</sub>	84.71, -11.42, -13.87
CIE <sub>LCh</sub>	85, 17.970, 230.528
Yxy	65.4354, 0.2701, 0.3078
Android (android.graphics.Color)	4289453037 (0xFFABDBED)
YUV	206.7000, 14.9379, -31.3089
Hunter-Lab	80.8921, -14.8732, -9.1396

# Details

The Hex color **ABDBED** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EDBDAB**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E4FFFF**, and **75A4B5** is the 20% darker color. If you saturate the color by 10%, you get **93D5ED**, and if you desaturate by 10%, it is **C3E1ED**.

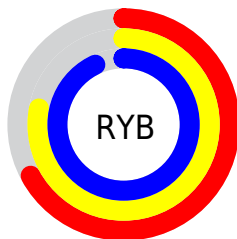
# Distribution



Red (67%)

Green (86%)

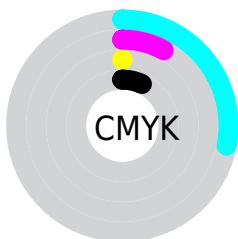
Blue (93%)



Red (67%)

Yellow (78%)

Blue (93%)

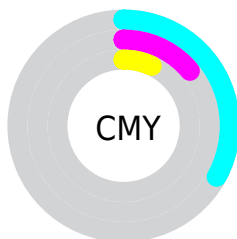


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (14%)

Yellow (7%)

# Brightness & Saturation Gradients

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



 ABDBED

 ABDBED

FFFFFF

 90BFD1

 E4FFFF

 75A4B5

 5B8A9A

 417080

 275867

 07404F

 002A38

 001723

 00000B

 ABDBED

 ABDBED

 93D5ED

 C3E1ED

 7CCEED

 DAE8ED

 64C8ED

 F2EEED

 4CC1ED

 FFF5ED

 34BBED

 FFFBED

 1DB4ED

 FFFFED

 05AEED

 00ACED

# Harmonies

## Analogous

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



A7DDDF



ABDBED



BAD7F4

# Triad

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



ABDBED



F3C8DA



D4D6B4

# Complementary

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



ABDBED



EDBDAB

# 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.



E6D0B2



ABDBED



F8C8C8

# Square

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



ABDBED



E4CCE9



F3CBBA



C1DBBE

# Rectangle

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



ABDBED



C8D3F5



F3CBBA



DBD4B2

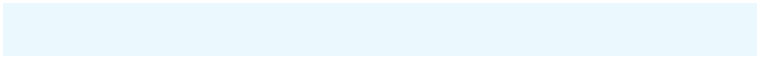


# Sweetspot

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



ABDBED



EBF9FF



ABEDBD



737C80



000000



808080

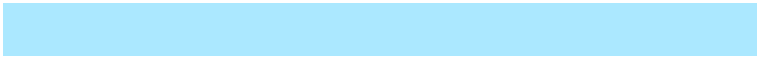


# Same Dimension

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



ABDBED



ABE8FF



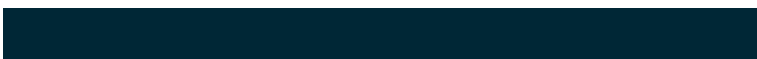
ABBAED



6A7275



0084B5



002736



# Inverse Universe

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



EDABDB



FFABE8



EDDEAB



756A72



B50084

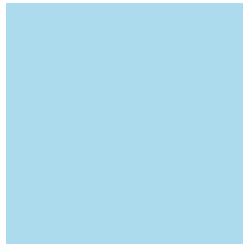


360027



# Previews

## White Background



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

## Color Contrast Check

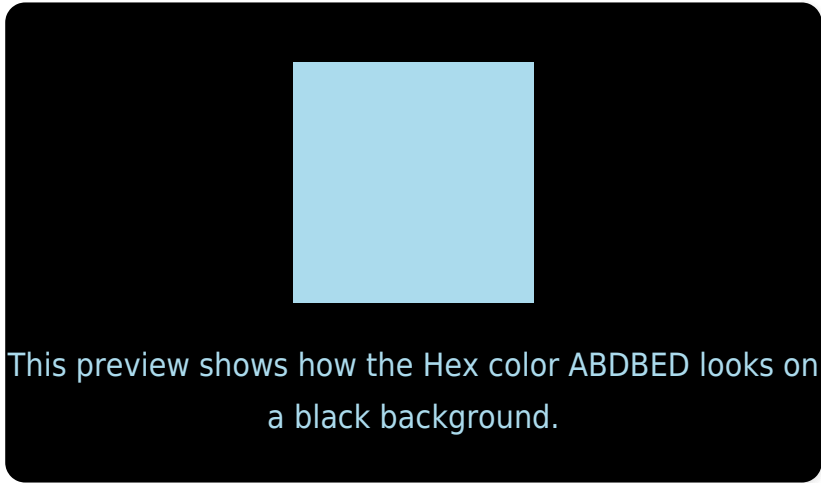
Large Text (above 18pt) WCAG AA × Fail

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

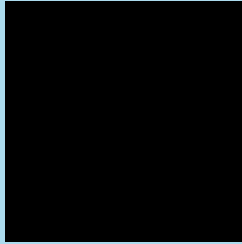
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABDBED Background



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

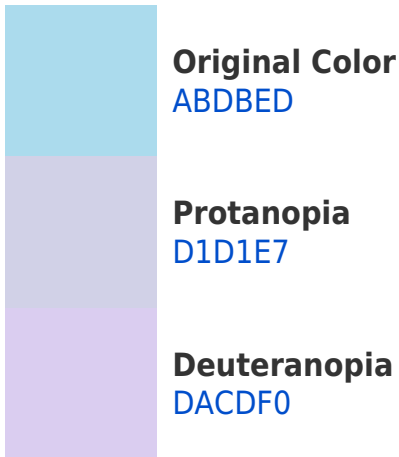


This preview shows how white text looks on a background with the Hex color ABDBED.

# 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](#).

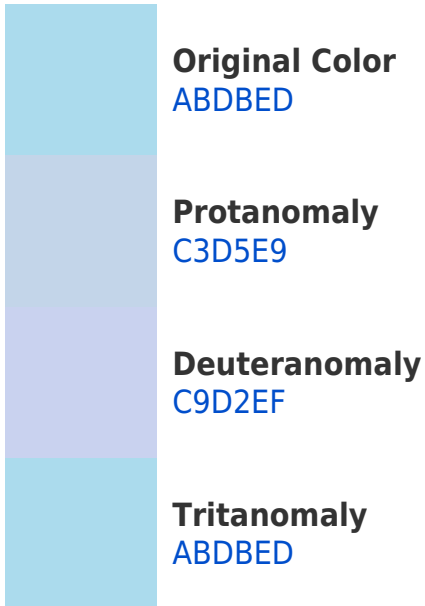
## Dichromacy



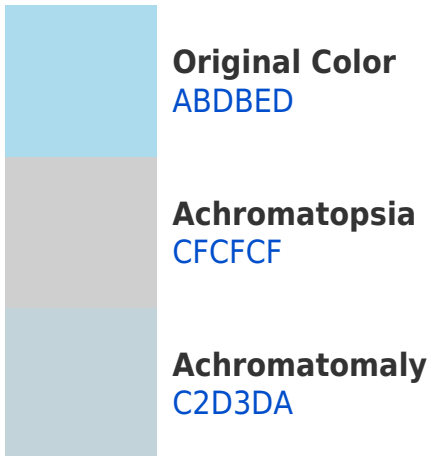


**Tritanopia**  
ABDBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #ABDBED colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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