

# Converting Colors

Hex(ACB4DA)

Have a look what the booklet for  
Hex(ACB4DA) contains.

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# **Color**

**Hex(ACB4DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACB4DA
RGB	172, 180, 218
RGB Percent	67%, 71%, 85%
CMY	0.3255, 0.2941, 0.1451
CMYK	0.21, 0.17, 0.00, 0.15
HSL	230°, 38%, 76%
HSV	230°, 21%, 85%
XYZ	45.9894, 46.4751, 72.8764
YIQ	181.9400, -16.9660, 10.1220

# Conversions

## Conversions Part 2

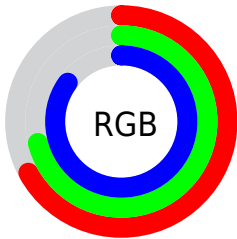
Format	Color
<a href="#">RYB</a>	<a href="#">172, 179, 218</a>
Decimal	<a href="#">11318490</a>
CIELab	<a href="#">73.85, 5.24, -20.03</a>
CIELCh	<a href="#">74, 20.701, 284.653</a>
Yxy	<a href="#">46.4751, 0.2781, 0.2811</a>
Android (android.graphics.Color)	<a href="#">4289508570</a> ( <a href="#">0xFFACB4DA</a> )
YUV	<a href="#">181.9400, 17.7776, -8.7174</a>
Hunter-Lab	<a href="#">68.1727, 1.1142, -15.6599</a>

# Details

The Hex color **ACB4DA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DAD2AC**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E4ECFF**, and **777FA3** is the 20% darker color. If you saturate the color by 10%, you get **96A2DA**, and if you desaturate by 10%, it is **C2C6DA**.

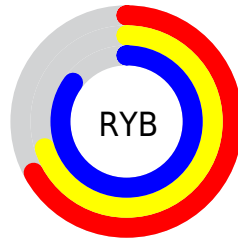
# Distribution



Red (67%)

Green (71%)

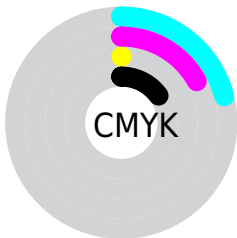
Blue (85%)



Red (67%)

Yellow (70%)

Blue (85%)

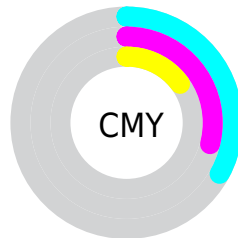


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (29%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACB4DA 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 ACB4DA by changing the saturation by 10% instead.



■ ACB4DA

■ ACB4DA

FFFFFF

■ 9199BE

■ E4ECFF

■ 777FA3

■ 5E6689

■ 454E6F

■ 2E3857

■ 16223F

■ 000C29

■ 000114

■ 000000

■ ACB4DA

■ ACB4DA

■ 96A2DA

■ C2C6DA

■ 8090DA

■ D8D8DA

■ 6B7EDA

■ EDEADA

■ 556CDA

■ FFFCDA

■ 3F5ADA

■ FFFFDA

■ 2948DA

■ 1336DA

■ 0026DA

# Harmonies

## Analogous

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



94BADA



ACB4DA



C4AED1

# Triad

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



ACB4DA



DAAB9C



90C0AB

# Complementary

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



ACB4DA



DAD2AC

# 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.



A5BC9A



ACB4DA



CDB191

# Square

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



ACB4DA



DDA8AD



BAB791



83C0BE

# Rectangle

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



ACB4DA



D1AAC6



BAB791



97BFA5



# Sweetspot

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



ACB4DA



F0F2FF



ACDAD2



777880



000000



808080



# Same Dimension

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



ACB4DA



BFCAFF



BBACDA



63656E



001EAD



00082E



# Inverse Universe

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



DAACB4



FFBFCA



CBDAAC



6E6365



AD001E

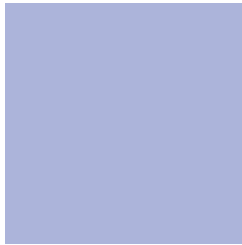


2E0008



# Previews

## White Background



This preview shows how the Hex color ACB4DA looks on a white background.

## Color Contrast Check

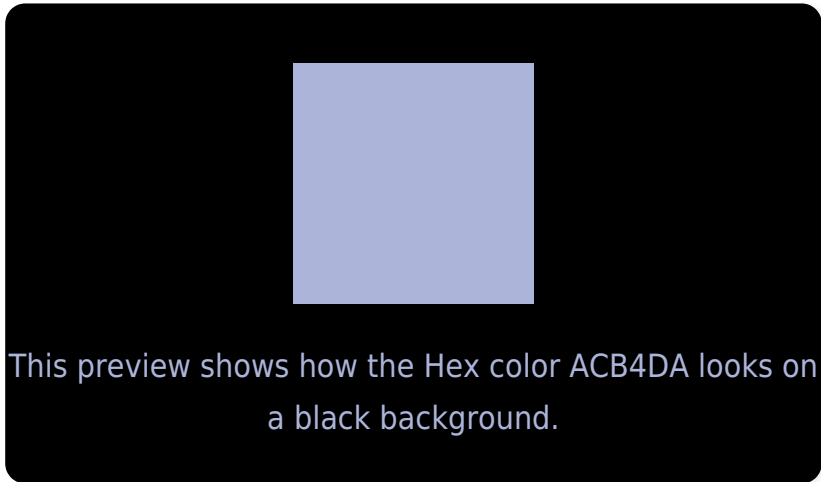
Large Text (above 18pt) WCAG AA × Fail

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

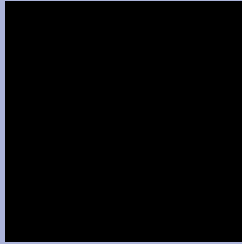
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACB4DA Background



This preview shows how black text looks on a background with the Hex color ACB4DA.



This preview shows how white text looks on a background with the Hex color ACB4DA.

# 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



**Original Color**  
ACB4DA

**Protanopia**  
ADB4DA

**Deuteranopia**  
B4B1DB



**Tritanopia**  
A8B7C6

# Trichromacy



**Original Color**

ACB4DA

**Protanomaly**

ADB4DA

**Deuteranomaly**

B1B2DB

**Tritanomaly**

A9B6CD

# Monochromacy



**Original Color**

ACB4DA

**Achromatopsia**

B6B6B6

**Achromatomaly**

B2B5C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACB4DA 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 #ACB4DA looks like.

```
.text, #text, p{  
    color:#ACB4DA  
}
```

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 #ACB4DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB4DA
}
```

## Border

The CSS property to change the border of an element to Hex ACB4DA 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
#ACB4DA }
```

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

```
.border{ border-color:#ACB4DA }
```

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

Here you see how a box with a 4 pixel #ACB4DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB4DA; -webkit-box-shadow:4px 4px  
4px 4px #ACB4DA; box-shadow:4px 4px 4px  
4px #ACB4DA }
```

# Background

The CSS property to change the background color of an element to Hex ACB4DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB4DA }
```

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

```
.background{ background-color:#ACB4DA }
```

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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