

# Converting Colors

Hex(ACB9CA)

Have a look what the booklet for  
Hex(ACB9CA) contains.

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# **Color**

**Hex(ACB9CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACB9CA
RGB	172, 185, 202
RGB Percent	67%, 73%, 79%
CMY	0.3255, 0.2745, 0.2078
CMYK	0.15, 0.08, 0.00, 0.21
HSL	214°, 22%, 73%
HSV	214°, 15%, 79%
XYZ	45.0229, 47.7328, 62.7175
YIQ	183.0510, -13.2050, 2.5310

# Conversions

## Conversions Part 2

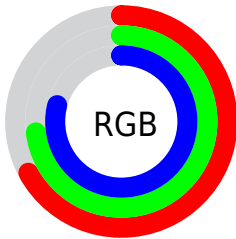
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 181, 202
Decimal	11319754
CIELab	74.66, -1.00, -10.10
CIELCh	75, 10.153, 264.375
Yxy	47.7328, 0.2896, 0.3070
Android (android.graphics.Color)	4289509834 (0xFFACB9CA)
YUV	183.0510, 9.3419, -9.6917
Hunter-Lab	69.0890, -4.5834, -5.4599

# Details

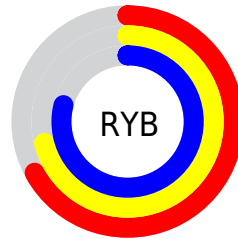
The Hex color **ACB9CA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CABDAC**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **E4F1FF**, and **778494** is the 20% darker color. If you saturate the color by 10%, you get **98AECA**, and if you desaturate by 10%, it is **C0C4CA**.

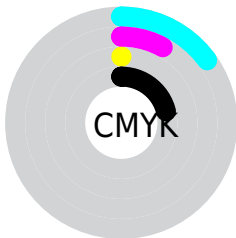
# Distribution



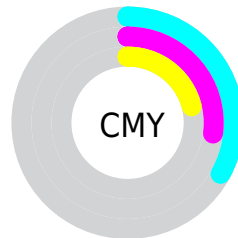
- Red (67%)
- Green (73%)
- Blue (79%)



- Red (67%)
- Yellow (71%)
- Blue (79%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (27%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACB9CA 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 ACB9CA by changing the saturation by 10% instead.



■ ACB9CA

■ ACB9CA

FFFFFF

■ 919EAF

■ E4F1FF

■ 778494

■ 5F6B7A

■ 475361

■ 303C4A

■ 1A2633

■ 02111E

■ 000002

■ 000000

■ ACB9CA

■ ACB9CA

■ 98AECA

■ C0C4CA

■ 84A2CA

■ D4D0CA

■ 6F97CA

■ E9DBCA

■ 5B8BCA

■ FDE7CA

■ 4780CA

■ FFF2CA

■ 3374CA

■ FFFECA

■ 1F69CA

■ FFFFCA

■ 0A5DCA

■ 0058CA

# Harmonies

## Analogous

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



A3BCC6



ACB9CA



B7B6C9

# Triad

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



ACB9CA



CCB2B0



ACBCAD

# Complementary

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



ACB9CA



CABDAC

# 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.



B7B9A7



ACB9CA



C9B4A9

# Square

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



ACB9CA



CAB2BA



C1B6A5



A4DBB5

# Rectangle

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



ACB9CA



BFB4C5



C1B6A5



B0BBAA

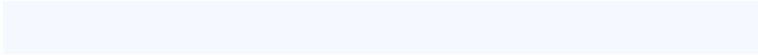


# Sweetspot

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



ACB9CA



F5F9FF



ACCABD



797C80



000000



808080

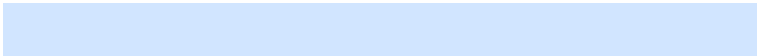


# Same Dimension

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



ACB9CA



D1E5FF



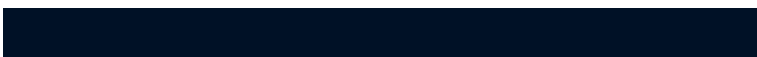
AEACCA



5C6066



0048A6



001126



# Inverse Universe

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



CAACB9



FFD1E5



C8CAAC



665C60



A60048

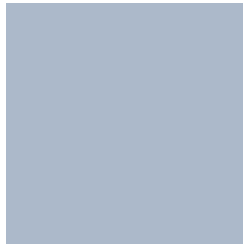


260011



# Previews

## White Background



This preview shows how the Hex color ACB9CA looks on a white background.

## Color Contrast Check

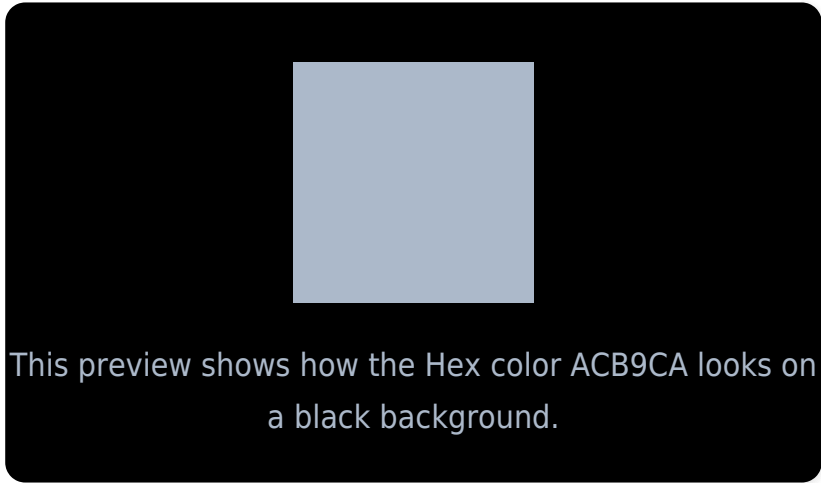
Large Text (above 18pt) WCAG AA × Fail

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

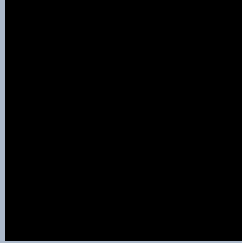
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

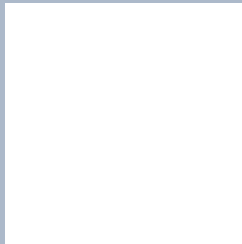
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACB9CA Background



This preview shows how black text looks on a background with the Hex color ACB9CA.



This preview shows how white text looks on a background with the Hex color ACB9CA.

# 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**  
ACB9C8

# Trichromacy



**Original Color**  
ACB9CA

**Protanomaly**  
B2B7C9

**Deuteranomaly**  
B9B5CB

**Tritanomaly**  
ACB9C9

# Monochromacy



**Original Color**  
ACB9CA

**Achromatopsia**  
B7B7B7

**Achromatomaly**  
B3B8BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACB9CA 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 #ACB9CA looks like.

```
.text, #text, p{  
    color:#ACB9CA  
}
```

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 #ACB9CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB9CA  
}
```

## Border

The CSS property to change the border of an element to Hex ACB9CA 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  
#ACB9CA }
```

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

```
.border{ border-color:#ACB9CA }
```

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

Here you see how a box with a 4 pixel #ACB9CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB9CA; -webkit-box-shadow:4px 4px  
4px 4px #ACB9CA; box-shadow:4px 4px 4px  
4px #ACB9CA }
```

# Background

The CSS property to change the background color of an element to Hex ACB9CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB9CA }
```

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

```
.background{ background-color:#ACB9CA }
```

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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