

# Converting Colors

Hex(ACB8B4)

Have a look what the booklet for  
Hex(ACB8B4) contains.

<b>Hex(ACB8B4)</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(ACB8B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACB8B4
RGB	172, 184, 180
RGB Percent	67%, 72%, 71%
CMY	0.3255, 0.2784, 0.2941
CMYK	0.07, 0.00, 0.02, 0.28
HSL	160°, 8%, 70%
HSV	160°, 7%, 72%
XYZ	42.3920, 46.3469, 49.8916
YIQ	179.9560, -5.8680, -3.7880

# Conversions

## Conversions Part 2

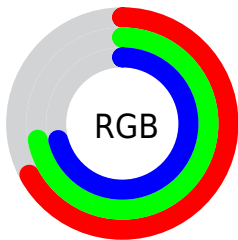
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 179, 184
Decimal	11319476
CIELab	73.77, -4.92, 0.59
CIELCh	74, 4.956, 173.193
Yxy	46.3469, 0.3058, 0.3343
Android (android.graphics.Color)	4289509556 (0xFFACB8B4)
YUV	179.9560, 0.0217, -6.9774
Hunter-Lab	68.0786, -7.9870, 4.2042

# Details

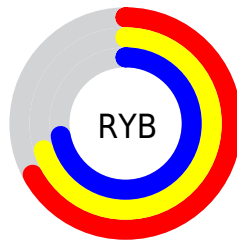
The Hex color **ACB8B4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B8ACB0**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E3F0EC**, and **78837F** is the 20% darker color. If you saturate the color by 10%, you get **9AB8AE**, and if you desaturate by 10%, it is **BEB8BA**.

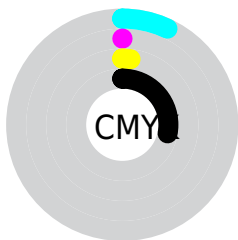
# Distribution



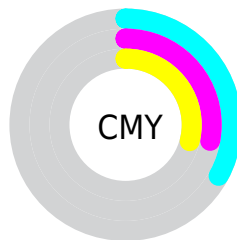
- Red (67%)
- Green (72%)
- Blue (71%)



- Red (67%)
- Yellow (70%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACB8B4 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 ACB8B4 by changing the saturation by 10% instead.



■ ACB8B4

■ ACB8B4

FFFFFF

■ 919D99

■ E3F0EC

■ 78837F

■ 5F6A66

■ 47524E

■ 313B38

■ 1C2522

■ 02100C

■ 000000

■ ACB8B4

■ ACB8B4

 9AB8AE

 BEB8BA

 87B8A8

 D1B8C0

 75B8A2

 E3B8C6

 62B89B

 F6B8CD

 50B895

 FFB8D3

 3EB88F

 FFB8D9

 2BB889

 FFB8DF

 19B883

 FFB8E5

 06B87D

 FFB8EB

# Harmonies

## Analogous

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



B0B7B0



ACB8B4



AAB8B9

# Triad

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



ACB8B4



B5B4BE



BEB3AE

# Complementary

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



ACB8B4



B8ACB0

# 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.



BFB2B2



ACB8B4



BAB3BB

# Square

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



ACB8B4



B0B6BE



BEB2B6



BAB5AC

# Rectangle

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



ACB8B4



ABB8BB



BEB2B6



BFB3AF

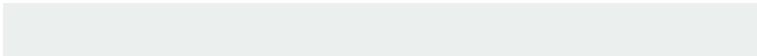


# Sweetspot

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



ACB8B4



EBF0EE



B0B8AC



757877



F7F7F7



787878



# Same Dimension

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



ACB8B4



DDF0E9



ACB6B8



535C59



009C68



001C13



# Inverse Universe

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



B8ACB0



F0DDE3



B8AEAC



5C5356



9C0034



1C0009



# Previews

## White Background



This preview shows how the Hex color ACB8B4 looks on a white background.

## Color Contrast Check

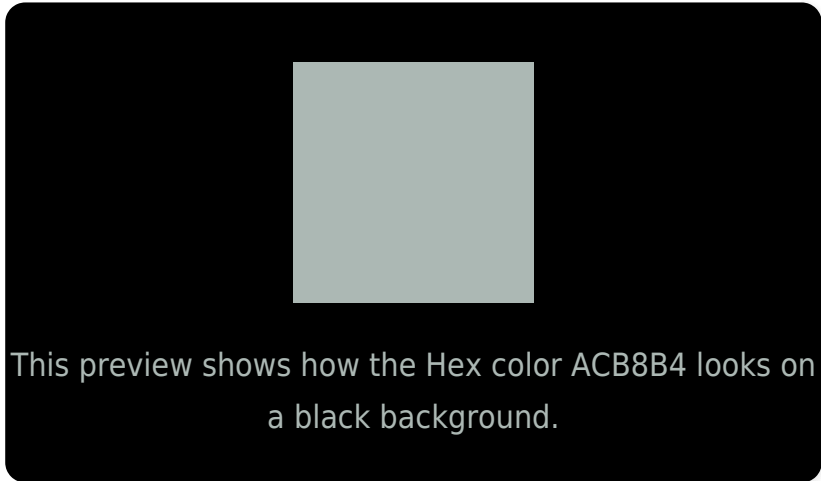
Large Text (above 18pt) WCAG AA × Fail

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

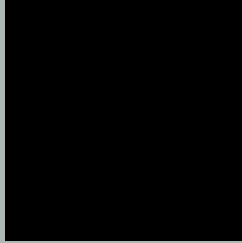
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

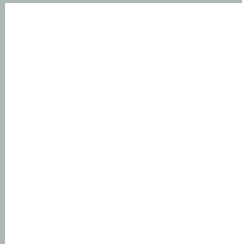
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACB8B4 Background



This preview shows how black text looks on a background with the Hex color ACB8B4.



This preview shows how white text looks on a background with the Hex color ACB8B4.

# 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](#).

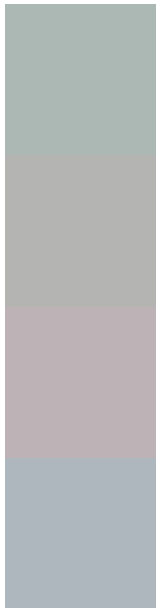
## Dichromacy





**Tritanopia**  
AFB6C4

# Trichromacy



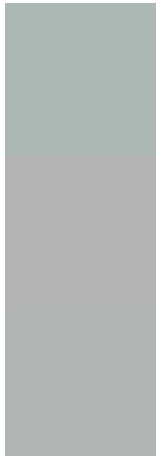
**Original Color**  
ACB8B4

**Protanomaly**  
B4B5B3

**Deuteranomaly**  
BDB2B5

**Tritanomaly**  
AEB7BE

# Monochromacy



**Original Color**  
ACB8B4

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
B1B5B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACB8B4 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 #ACB8B4 looks like.

```
.text, #text, p{  
    color:#ACB8B4  
}
```

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 #ACB8B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB8B4
}
```

## Border

The CSS property to change the border of an element to Hex ACB8B4 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
#ACB8B4 }
```

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

```
.border{ border-color:#ACB8B4 }
```

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

Here you see how a box with a 4 pixel #ACB8B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB8B4; -webkit-box-shadow:4px 4px  
4px 4px #ACB8B4; box-shadow:4px 4px 4px  
4px #ACB8B4 }
```

# Background

The CSS property to change the background color of an element to Hex ACB8B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB8B4 }
```

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

```
.background{ background-color:#ACB8B4 }
```

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