

# Converting Colors

Hex(ACB884)

Have a look what the booklet for  
Hex(ACB884) contains.

<b>Hex(ACB884)</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(ACB884)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACB884
RGB	172, 184, 132
RGB Percent	67%, 72%, 52%
CMY	0.3255, 0.2784, 0.4824
CMYK	0.07, 0.00, 0.28, 0.28
HSL	74°, 27%, 62%
HSV	74°, 28%, 72%
XYZ	38.3186, 44.7176, 28.4415
YIQ	174.4840, 9.5400, -18.7160

# Conversions

## Conversions Part 2

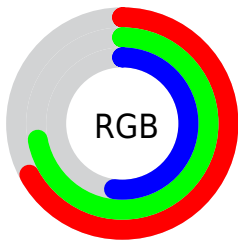
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 184, 144
Decimal	11319428
CIELab	72.71, -12.98, 25.09
CIElCh	73, 28.252, 117.356
Yxy	44.7176, 0.3437, 0.4011
Android (android.graphics.Color)	4289509508 (0xFFACB884)
YUV	174.4840, -20.9446, -2.1785
Hunter-Lab	66.8712, -14.7404, 21.5927

# Details

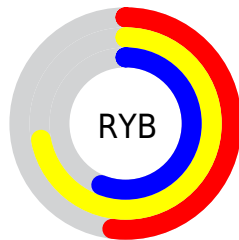
The Hex color **ACB884** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9084B8**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **E4F0B9**, and **778352** is the 20% darker color. If you saturate the color by 10%, you get **A8B872**, and if you desaturate by 10%, it is **B0B896**.

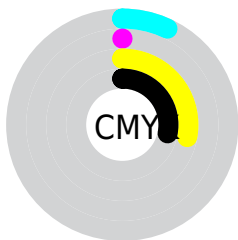
# Distribution



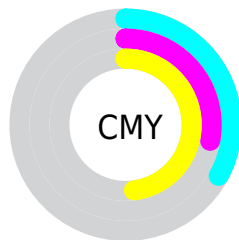
- Red (67%)
- Green (72%)
- Blue (52%)



- Red (52%)
- Yellow (72%)
- Blue (56%)



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



- Cyan (33%)
- Magenta (28%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACB884 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 ACB884 by changing the saturation by 10% instead.



 ACB884

 ACB884

FFFFFF

 919D6B

 E4F0B9

 778352

 FFFFD5

 5E6A3A

 FFFFF2

 465224

 2E3B0E

 1A2500

 001100

 000000

 ACB884

 ACB884

 A8B872

 B0B896

 A4B85F

 B4B8A9

 9FB84D

 B9B8BB

 9BB83A

 BDB8CE

 97B828

 C1B8E0

 93B816

 C5B8F2

 8EB803

 CAB8FF

 8EB800

 CEB8FF

 D2B8FF

# Harmonies

## Analogous

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



C7B07F



ACB884



8EBE96

# Triad

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



ACB884



6EBCDD



E3A0B6

# Complementary

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



ACB884



9084B8

# 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.



D1A4CF



ACB884



8EB5E6

# Square

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



ACB884



64C0C9



B3ADE0



E6A19C

# Rectangle

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



ACB884



7BC0A6



B3ADE0



DFA1BE



# Sweetspot

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



ACB884



EBF0DD



B88F84



75786C



F7F7F7



787878



# Same Dimension

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



ACB884



DDF09E



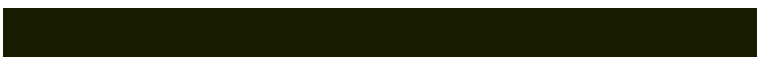
93B884



5A5C53



789C00



161C00



# Inverse Universe

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



9084B8



B19EF0



A984B8



55535C



24009C



06001C



# Previews

## White Background



This preview shows how the Hex color ACB884 looks on a white background.

## Color Contrast Check

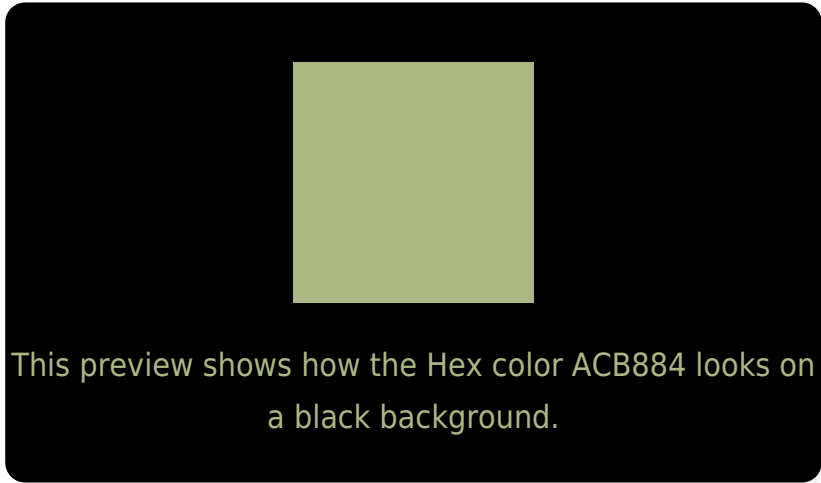
Large Text (above 18pt) WCAG AA × Fail

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

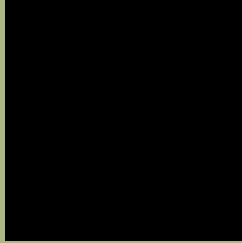
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACB884 Background



This preview shows how black text looks on a background with the Hex color ACB884.

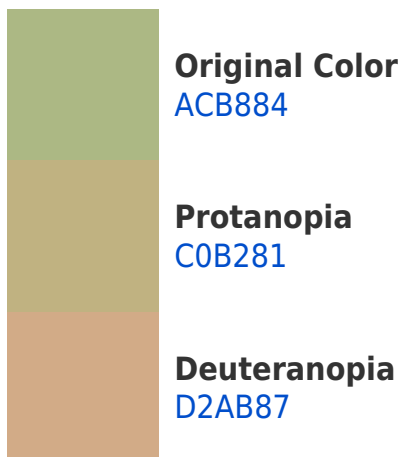


This preview shows how white text looks on a background with the Hex color ACB884.

# Color Blindness Simulation

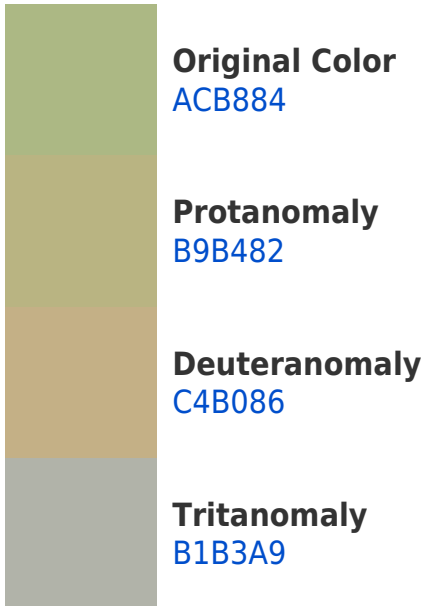
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

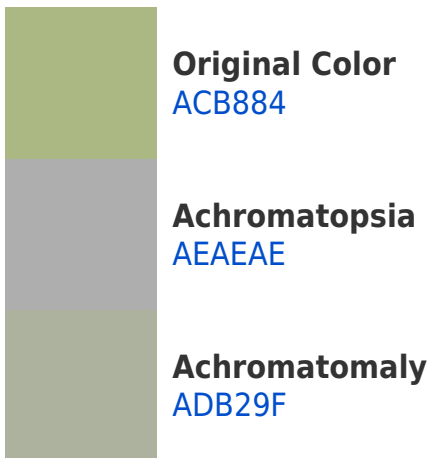




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACB884 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 #ACB884 looks like.

```
.text, #text, p{  
    color:#ACB884  
}
```

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 #ACB884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB884
}
```

## Border

The CSS property to change the border of an element to Hex ACB884 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
#ACB884 }
```

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

```
.border{ border-color:#ACB884 }
```

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

Here you see how a box with a 4 pixel #ACB884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB884; -webkit-box-shadow:4px 4px  
4px 4px #ACB884; box-shadow:4px 4px 4px  
4px #ACB884 }
```

# Background

The CSS property to change the background color of an element to Hex ACB884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB884 }
```

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

```
.background{ background-color:#ACB884 }
```

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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