

# Converting Colors

Hex(AC8891)

Have a look what the booklet for  
Hex(AC8891) contains.

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# **Color**

**Hex(AC8891)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC8891
RGB	172, 136, 145
RGB Percent	67%, 53%, 57%
CMY	0.3255, 0.4667, 0.4314
CMYK	0.00, 0.21, 0.16, 0.33
HSL	345°, 18%, 60%
HSV	345°, 21%, 67%
XYZ	30.9283, 28.4233, 30.6442
YIQ	147.7900, 18.5670, 10.4310

# Conversions

## Conversions Part 2

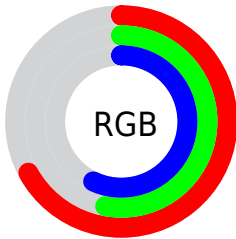
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 136, 145
Decimal	11307153
CIE <sub>Lab</sub>	60.27, 15.16, 0.43
CIE <sub>LCh</sub>	60, 15.167, 1.632
Yxy	28.4233, 0.3437, 0.3158
Android (android.graphics.Color)	4289497233 (0xFFAC8891)
YUV	147.7900, -1.3755, 21.2322
Hunter-Lab	53.3135, 10.2528, 3.2400

# Details

The Hex color **AC8891** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **88ACA3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E4BDC7**, and **77565F** is the 20% darker color. If you saturate the color by 10%, you get **AC7784**, and if you desaturate by 10%, it is **AC999E**.

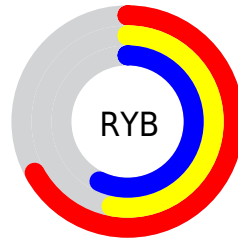
# Distribution



Red (67%)

Green (53%)

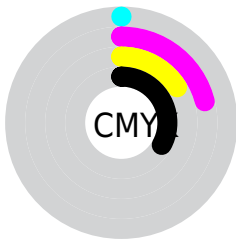
Blue (57%)



Red (67%)

Yellow (53%)

Blue (57%)

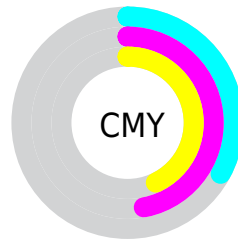


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC8891 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 AC8891 by changing the saturation by 10% instead.





AC8891



AC8891

FFFFFF



916F77



E4BDC7



77565F



FFD9E3



5E3F47



FFF6FF



462831



2F131C



1D0001



000000



AC8891



AC8891



AC7784



AC999E

AC6677

ACAAAB

AC546A

ACBCB8

AC435D

ACDC5

AC3251

ACDED2

AC2144

ACEFDE

AC1037

ACFFEB

AC002B

ACFFF8

ACFFFF

# Harmonies

## Analogous

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



A38A9E



AC8891



AD8984

# Triad

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



AC8891



8C957A



7496A8

# Complementary

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



AC8891



88ACA3

# 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.



6E999F



AC8891



7D9884

# Square

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



AC8891



9B9177



729992



8392AC

# Rectangle

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



AC8891



AA8B7D



729992



7197A6



# Sweetspot

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



AC8891



E0D3D6



A388AC



70686A



F0F0F0



707070



# Same Dimension

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



AC8891



E0A8B6



AC9188



574E50



960026



170006



# Inverse Universe

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



AC8891



E0A8B6



88A3AC



574E50



960026

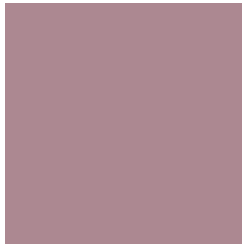


170006



# Previews

## White Background



This preview shows how the Hex color AC8891 looks on a white background.

## Color Contrast Check

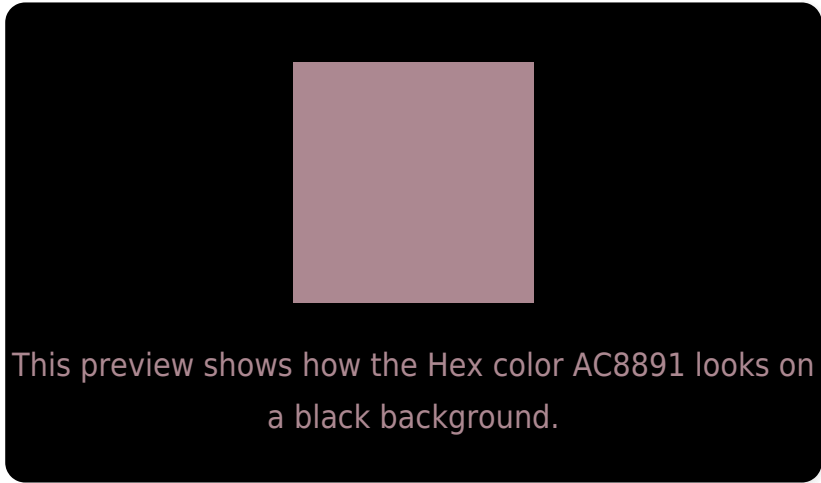
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex AC8891 Background



This preview shows how black text looks on a background with the Hex color AC8891.



This preview shows how white text looks on a background with the Hex color AC8891.

# 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**  
AC8891

**Protanopia**  
939196

**Deuteranopia**  
A08D90



**Tritanopia**  
AC8892

# Trichromacy



**Original Color**  
AC8891

**Protanomaly**  
9C8E94

**Deuteranomaly**  
A48B90

**Tritanomaly**  
AC8892

# Monochromacy



**Original Color**  
AC8891

**Achromatopsia**  
949494

**Achromatomaly**  
9D9093

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC8891 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 #AC8891 looks like.

```
.text, #text, p{  
    color:#AC8891  
}
```

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 #AC8891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8891  
}
```

## Border

The CSS property to change the border of an element to Hex AC8891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

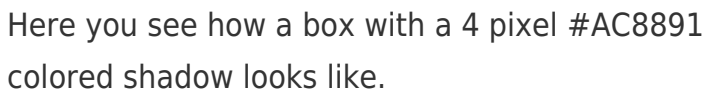
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AC8891 }
```

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

```
.border{ border-color:#AC8891 }
```

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



Here you see how a box with a 4 pixel `#AC8891` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8891; -webkit-box-shadow:4px 4px  
4px 4px #AC8891; box-shadow:4px 4px 4px  
4px #AC8891 }
```

# Background

The CSS property to change the background color of an element to Hex AC8891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8891 }
```

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

```
.background{ background-color:#AC8891 }
```

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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