

# Converting Colors

Hex(AC8686)

Have a look what the booklet for  
Hex(AC8686) contains.

<b>Hex(AC8686)</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(AC8686)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC8686
RGB	172, 134, 134
RGB Percent	67%, 53%, 53%
CMY	0.3255, 0.4745, 0.4745
CMYK	0.00, 0.22, 0.22, 0.33
HSL	0°, 19%, 60%
HSV	0°, 22%, 67%
XYZ	29.8414, 27.5421, 26.2976
YIQ	145.3620, 22.6480, 8.0560

# Conversions

## Conversions Part 2

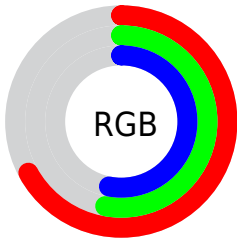
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 134, 134
Decimal	11306630
CIE <sub>Lab</sub>	59.47, 14.52, 5.57
CIE <sub>LCh</sub>	59, 15.551, 21.004
Yxy	27.5421, 0.3566, 0.3291
Android (android.graphics.Color)	4289496710 (0xFFAC8686)
YUV	145.3620, -5.6015, 23.3615
Hunter-Lab	52.4805, 9.6575, 7.0266

# Details

The Hex color **AC8686** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **86ACAC**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E4BBBB**, and **775454** is the 20% darker color. If you saturate the color by 10%, you get **AC7575**, and if you desaturate by 10%, it is **AC9797**.

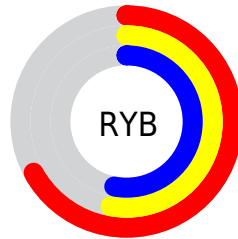
# Distribution



Red (67%)

Green (53%)

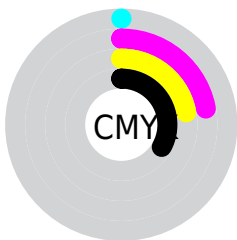
Blue (53%)



Red (67%)

Yellow (53%)

Blue (53%)

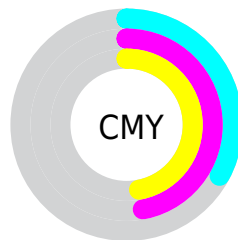


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC8686 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 AC8686 by changing the saturation by 10% instead.



 AC8686

 AC8686

FFFFFF

 916D6D

 E4BBBB

 775454

 FFD7D7

 5E3D3D

 FFF4F3

 452728

 2E1213

 190001

 000000

 AC8686

 AC8686

 AC7575

 AC9797

 AC6464

 ACA8A8

 AC5252

 ACBABA

 AC4141

 ACCBCB

 AC3030

 ACDCDC

 AC1F1F

 ACEDED

 AC0E0E

 ACFEFE

 AC0000

 ACFFFF

# Harmonies

## Analogous

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



A88694



AC8686



A8897B

# Triad

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



AC8686



80957E



7B92AA

# Complementary

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



AC8686



86ACAC

# 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.



6E95A4



AC8686



72978A

# Square

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



AC8686



909176



6B9798



8C8DA9

# Rectangle

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



AC8686



A28B76



6B9798



7693A9



# Sweetspot

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



AC8686



E0D1D1



AC86AC



706767



F0F0F0



707070



# Same Dimension

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



AC8686



E0A4A4



AC9986



574E4E



960000



170000



# Inverse Universe

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



86ACAC



A4E0E0



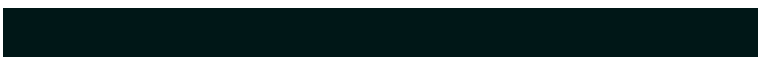
8699AC



4E5757



009696

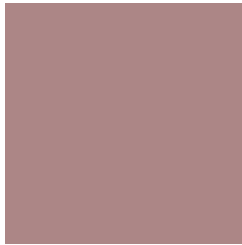


001717



# Previews

## White Background



This preview shows how the Hex color AC8686 looks on a white background.

## Color Contrast Check

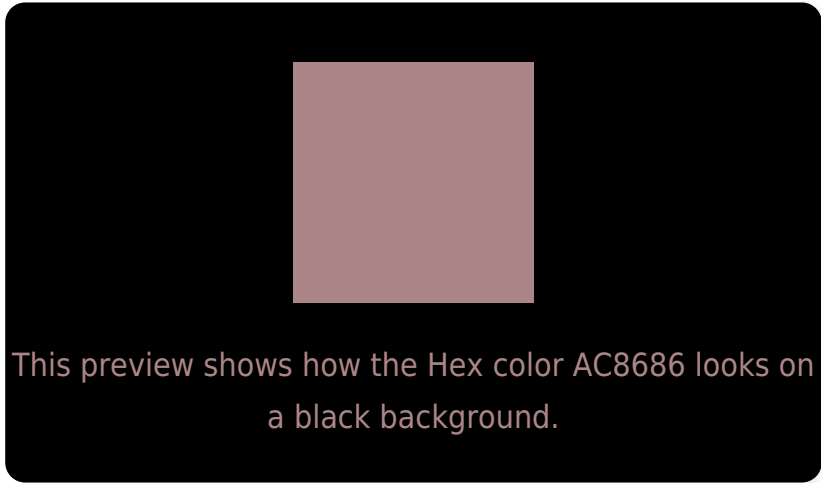
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC8686 Background



This preview shows how black text looks on a background with the Hex color AC8686.




This preview shows how white text looks on a background with the Hex color AC8686.

# 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**  
AD858F

# Trichromacy



**Original Color**  
AC8686

**Protanomaly**  
9C8C89

**Deuteranomaly**  
A58985

**Tritanomaly**  
AD858C

# Monochromacy



**Original Color**  
AC8686

**Achromatopsia**  
919191

**Achromatomaly**  
9B8D8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC8686 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 #AC8686 looks like.

```
.text, #text, p{  
    color:#AC8686  
}
```

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 #AC8686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8686
}
```

## Border

The CSS property to change the border of an element to Hex AC8686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

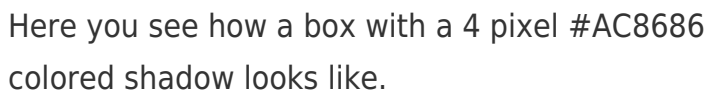
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC8686 }
```

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

```
.border{ border-color:#AC8686 }
```

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



Here you see how a box with a 4 pixel `#AC8686` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8686; -webkit-box-shadow:4px 4px  
4px 4px #AC8686; box-shadow:4px 4px 4px  
4px #AC8686 }
```

# Background

The CSS property to change the background color of an element to Hex AC8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8686 }
```

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

```
.background{ background-color:#AC8686 }
```

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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