

# Converting Colors

Hex(AC9E9E)

Have a look what the booklet for  
Hex(AC9E9E) contains.

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# **Color**

**Hex(AC9E9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC9E9E
RGB	172, 158, 158
RGB Percent	67%, 62%, 62%
CMY	0.3255, 0.3804, 0.3804
CMYK	0.00, 0.08, 0.08, 0.33
HSL	0°, 8%, 65%
HSV	0°, 8%, 67%
XYZ	35.4117, 35.6930, 37.3708
YIQ	162.1860, 8.3440, 2.9680

# Conversions

## Conversions Part 2

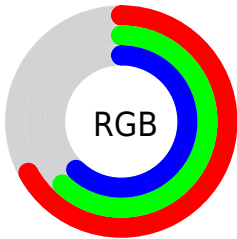
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">172, 158, 158</a>
Decimal	<a href="#">11312798</a>
CIELab	<a href="#">66.28, 5.11, 1.84</a>
CIELCh	<a href="#">66, 5.428, 19.818</a>
Yxy	<a href="#">35.6930, 0.3264, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4289502878 (0xFFAC9E9E)</a>
YUV	<a href="#">162.1860, -2.0637, 8.6069</a>
Hunter-Lab	<a href="#">59.7436, 1.2505, 4.7335</a>

# Details

The Hex color **AC9E9E** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9EACAC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E3D5D5**, and **786B6B** is the 20% darker color. If you saturate the color by 10%, you get **AC8D8D**, and if you desaturate by 10%, it is **ACAFAF**.

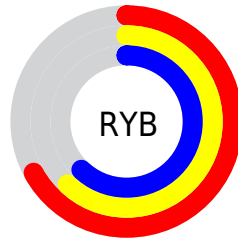
# Distribution



Red (67%)

Green (62%)

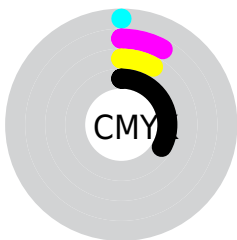
Blue (62%)



Red (67%)

Yellow (62%)

Blue (62%)

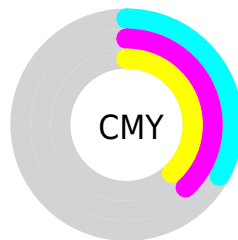


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC9E9E 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 AC9E9E by changing the saturation by 10% instead.



 AC9E9E

 AC9E9E

FFFFFF

 918484

 E3D5D5

 786B6B

 FFF1F1

 5F5353

 473B3C

 312626

 1C1111

 000000

 AC9E9E

 AC9E9E

 AC8D8D

 ACAFAF

■ AC7C7C

■ ACC0C0

■ AC6A6A

■ ACD2D2

■ AC5959

■ ACE3E3

■ AC4848

■ ACF4F4

■ AC3737

■ ACFFFF

■ AC2626

■ AC1414

■ AC0303

# Harmonies

## Analogous

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



AA9EA3



AC9E9E



AB9F9A

# Triad

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



AC9E9E



9CA39B



9AA2AB

# Complementary

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



AC9E9E



9EACAC

# 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.



96A3A8



AC9E9E



98A49F

# Square

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



AC9E9E



A2A298



95A4A4



A0A0AA

# Rectangle

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



AC9E9E



A9A098



95A4A4



99A3AA



# Sweetspot

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



AC9E9E



E0DCDC



AC9EAC



706E6E



F0F0F0



707070



# Same Dimension

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



AC9E9E



E0CACA



ACA59E



574E4E



960000



170000



# Inverse Universe

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



9EACAC



CAE0E0



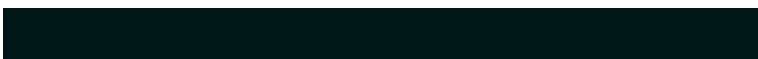
9EA5AC



4E5757



009696



001717



# Previews

## White Background



This preview shows how the Hex color AC9E9E looks on a white background.

## Color Contrast Check

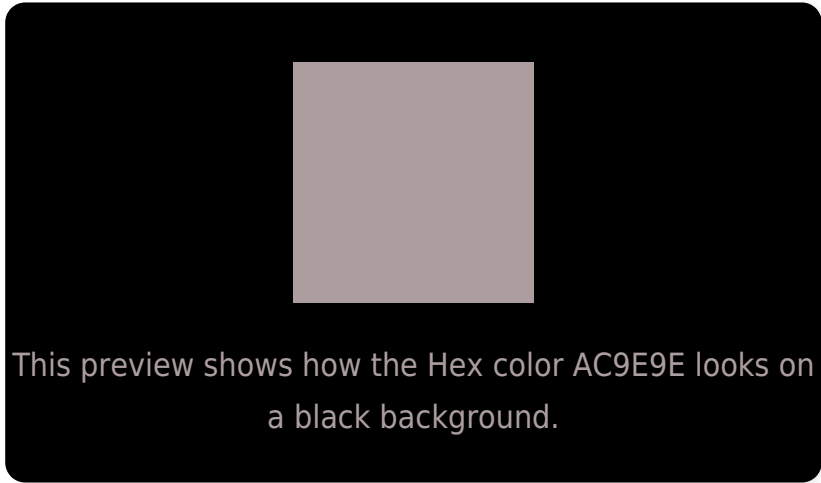
Large Text (above 18pt) WCAG AA × Fail

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

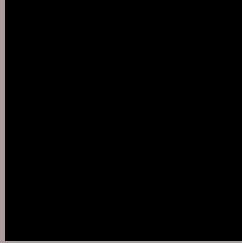
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AC9E9E Background



This preview shows how black text looks on a background with the Hex color AC9E9E.



This preview shows how white text looks on a background with the Hex color AC9E9E.

# 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**  
AC9E9E

**Protanopia**  
A4A09F

**Deuteranopia**  
B29C9E



**Tritanopia**  
AD9CA9

# Trichromacy



**Original Color**  
AC9E9E

**Protanomaly**  
A79F9F

**Deuteranomaly**  
B09D9E

**Tritanomaly**  
AD9DA5

# Monochromacy



**Original Color**  
AC9E9E

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A6A1A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC9E9E 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 #AC9E9E looks like.

```
.text, #text, p{  
    color:#AC9E9E  
}
```

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 #AC9E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9E9E
}
```

## Border

The CSS property to change the border of an element to Hex AC9E9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

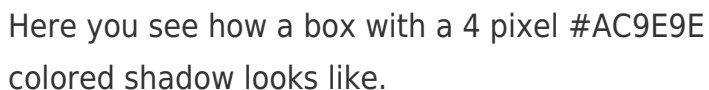
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC9E9E }
```

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

```
.border{ border-color:#AC9E9E }
```

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



Here you see how a box with a 4 pixel #AC9E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9E9E; -webkit-box-shadow:4px 4px  
4px 4px #AC9E9E; box-shadow:4px 4px 4px  
4px #AC9E9E }
```

# Background

The CSS property to change the background color of an element to Hex AC9E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9E9E }
```

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

```
.background{ background-color:#AC9E9E }
```

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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