

# Converting Colors

Hex(AC8199)

Have a look what the booklet for  
Hex(AC8199) contains.

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# **Color**

**Hex(AC8199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC8199
RGB	172, 129, 153
RGB Percent	67%, 51%, 60%
CMY	0.3255, 0.4941, 0.4000
CMYK	0.00, 0.25, 0.11, 0.33
HSL	327°, 21%, 59%
HSV	327°, 25%, 67%
XYZ	30.6133, 26.7711, 33.6908
YIQ	144.5930, 17.9240, 16.5800

# Conversions

## Conversions Part 2

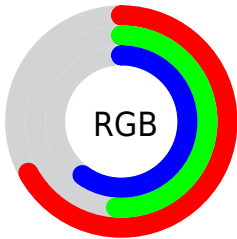
Format	Color
<a href="#">RYB</a>	<a href="#">172, 129, 153</a>
Decimal	<a href="#">11305369</a>
CIELab	<a href="#">58.76, 20.49, -6.37</a>
CIELCh	<a href="#">59, 21.456, 342.718</a>
Yxy	<a href="#">26.7711, 0.3361, 0.2939</a>
Android (android.graphics.Color)	<a href="#">4289495449</a> (0xFFAC8199)
YUV	<a href="#">144.5930, 4.1447, 24.0359</a>
Hunter-Lab	<a href="#">51.7408, 15.0661, -2.3879</a>

# Details

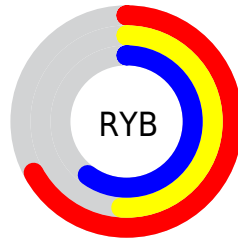
The Hex color **AC8199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81AC94**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E4B6CF**, and **774F66** is the 20% darker color. If you saturate the color by 10%, you get **AC7091**, and if you desaturate by 10%, it is **AC92A1**.

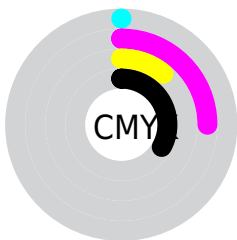
# Distribution



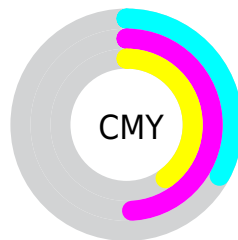
- Red (67%)
- Green (51%)
- Blue (60%)



- Red (67%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC8199 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 AC8199 by changing the saturation by 10% instead.



 AC8199

 AC8199

FFFFFF

 91687F

 E4B6CF

 774F66

 FFD2EC

 5E384E

 FFEEFF

 462237

 2E0C22

 1A000B

 000000

 AC8199

 AC8199

 AC7091

 AC92A1

 AC5F8A

 ACA3A8

 AC4D82

 ACB5B0

 AC3C7B

 ACC6B7

 AC2B73

 ACD7BF

 AC1A6B

 ACE8C7

 AC0964

 ACF9CE

 AC0060

 ACFFD6

 ACFFDD

# Harmonies

## Analogous

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



9A86A9



AC8199



B48086

# Triad

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



AC8199



938F69



5896A6

# Complementary

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



AC8199



81AC94

# 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.



599895



AC8199



7E9471

# Square

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



AC8199



A5886A



699782



6892B1

# Rectangle

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



AC8199



B3817A



699782



5697A1



# Sweetspot

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



AC8199



E0CED8



9481AC



70656B



F0F0F0



707070



# Same Dimension

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



AC8199



E09DC3



AC8184



574E53



960054



17000D



# Inverse Universe

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



AC8199



E09DC3



81ACA9



574E53



960054

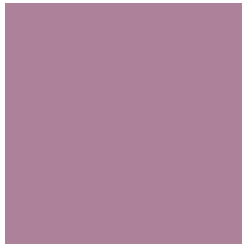


17000D



# Previews

## White Background



This preview shows how the Hex color AC8199 looks on a white background.

## Color Contrast Check

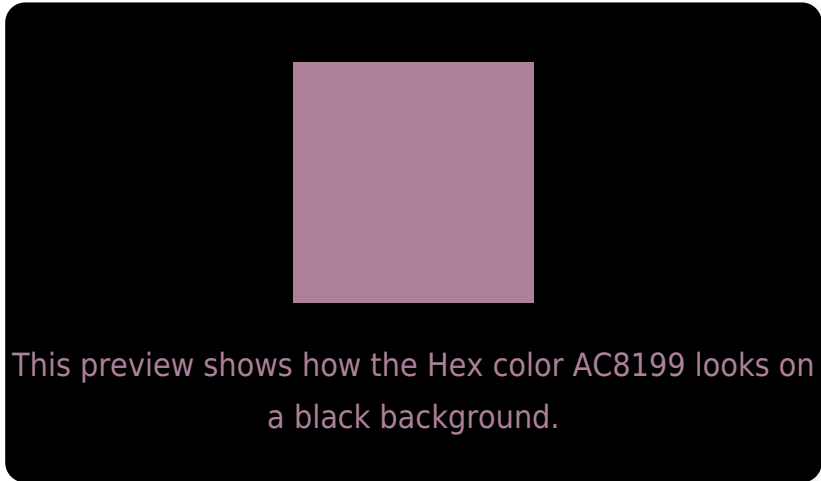
Large Text (above 18pt) WCAG AA ✓ Pass

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

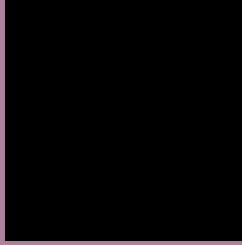
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC8199 Background



This preview shows how black text looks on a background with the Hex color AC8199.

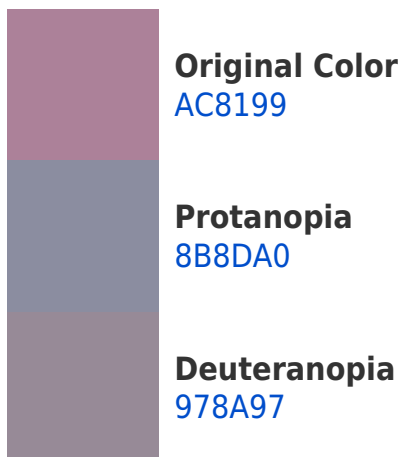



This preview shows how white text looks on a background with the Hex color AC8199.

# 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**  
AB838D

# Trichromacy



**Original Color**  
AC8199

**Protanomaly**  
97899D

**Deuteranomaly**  
9F8798

**Tritanomaly**  
AB8291

# Monochromacy



**Original Color**  
AC8199

**Achromatopsia**  
919191

**Achromatomaly**  
9B8B94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC8199 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 #AC8199 looks like.

```
.text, #text, p{  
    color:#AC8199  
}
```

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 #AC8199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC8199
}
```

## Border

The CSS property to change the border of an element to Hex AC8199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

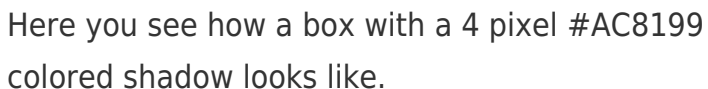
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC8199 }
```

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

```
.border{ border-color:#AC8199 }
```

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



Here you see how a box with a 4 pixel #AC8199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC8199; -webkit-box-shadow:4px 4px  
4px 4px #AC8199; box-shadow:4px 4px 4px  
4px #AC8199 }
```

# Background

The CSS property to change the background color of an element to Hex AC8199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC8199 }
```

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

```
.background{ background-color:#AC8199 }
```

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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