

# Converting Colors

Hex(AC9DB8)

Have a look what the booklet for  
Hex(AC9DB8) contains.

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# **Color**

**Hex(AC9DB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC9DB8
RGB	172, 157, 184
RGB Percent	67%, 62%, 72%
CMY	0.3255, 0.3843, 0.2784
CMYK	0.07, 0.15, 0.00, 0.28
HSL	273°, 16%, 67%
HSV	273°, 15%, 72%
XYZ	37.7220, 36.3453, 50.3746
YIQ	164.5630, 0.2730, 11.5770

# Conversions

## Conversions Part 2

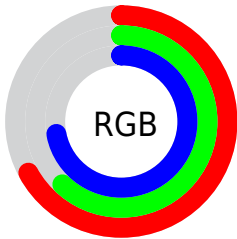
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	172, 157, 184
Decimal	11312568
CIE Lab	66.78, 10.62, -11.96
CIE LCh	67, 15.990, 311.612
Yxy	36.3453, 0.3031, 0.2921
Android (android.graphics.Color)	4289502648 (0xFFAC9DB8)
YUV	164.5630, 9.5824, 6.5222
Hunter-Lab	60.2871, 6.1861, -7.3405

# Details

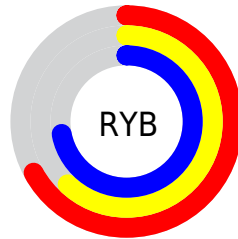
The Hex color **AC9DB8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A9B89D**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E3D4F0**, and **786A83** is the 20% darker color. If you saturate the color by 10%, you get **A48BB8**, and if you desaturate by 10%, it is **B4AFB8**.

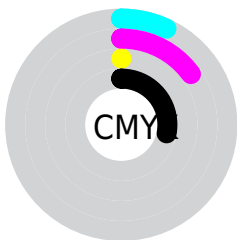
# Distribution



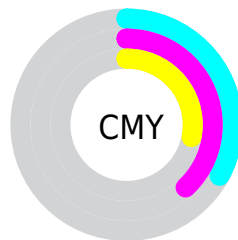
- Red (67%)
- Green (62%)
- Blue (72%)



- Red (67%)
- Yellow (62%)
- Blue (72%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (38%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC9DB8 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 AC9DB8 by changing the saturation by 10% instead.



 AC9DB8

 AC9DB8

FFFFFF

 91839D

 E3D4F0

 786A83

 FFF0FF

 5F526A

 473A52

 30253B

 1B1025

 00010F

 000000

 AC9DB8

 AC9DB8

 A48BB8

 B4AFB8

 9C78B8

 BCC2B8

 9366B8

 C5D4B8

 8B53B8

 CDE7B8

 8341B8

 D5F9B8

 7B2FB8

 DDFFB8

 731CB8

 E5FFB8

 6B0AB8

 EDFFB8

 6600B8

 F6FFB8

# Harmonies

## Analogous

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



9AA2BE



AC9DB8



BA99AC

# Triad

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



AC9DB8



B69F88



7EABA8

# Complementary

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



AC9DB8



A9B89D

# 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.



88AA99



AC9DB8



A8A386

# Square

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



AC9DB8



BF9A90



98A78D



7EAAB5

# Rectangle

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



AC9DB8



BF99A2



98A78D



81ABA3



# Sweetspot

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



AC9DB8



EBE6F0



9DA9B8



757278



F7F7F7



787878



# Same Dimension

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



AC9DB8



DDC5F0



B89DB7



58535C



56009C



10001C



# Inverse Universe

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



B89DA9



F0C5D8



9DB89E



5C5357



9C0045

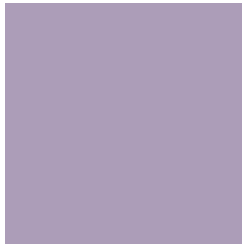


1C000C



# Previews

## White Background



This preview shows how the Hex color AC9DB8 looks on a white background.

## Color Contrast Check

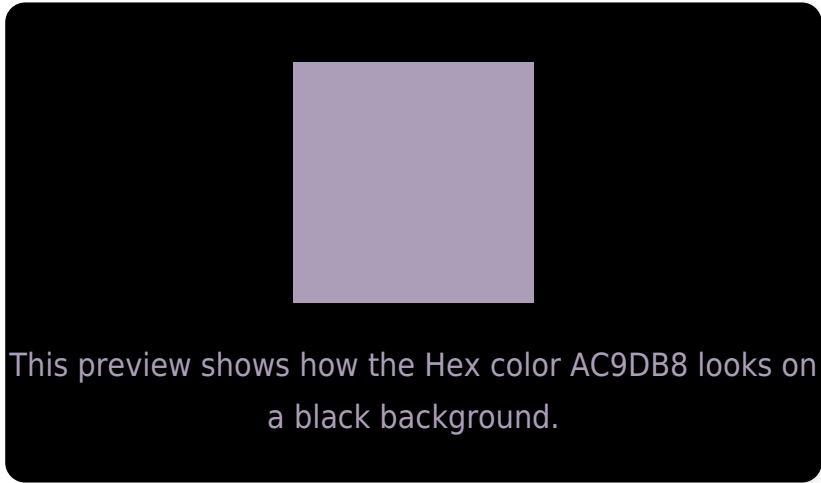
Large Text (above 18pt) WCAG AA × Fail

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

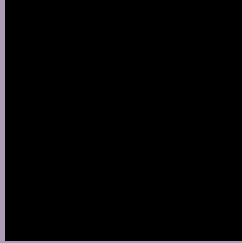
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AC9DB8 Background



This preview shows how black text looks on a background with the Hex color AC9DB8.

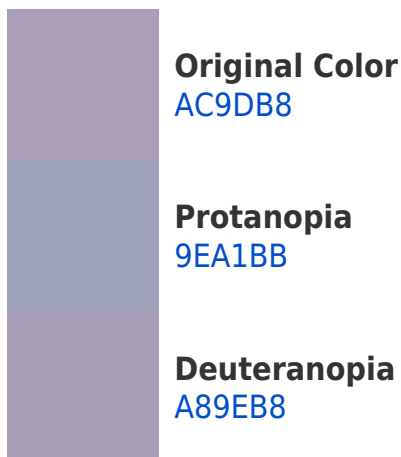


This preview shows how white text looks on a background with the Hex color AC9DB8.

# 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



**Original Color**  
AC9DB8

**Protanomaly**  
A3A0BA

**Deuteranomaly**  
A99EB8

**Tritanomaly**  
AB9EB0

# Monochromacy



**Original Color**  
AC9DB8

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A8A2AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC9DB8 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 #AC9DB8 looks like.

```
.text, #text, p{  
    color:#AC9DB8  
}
```

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 #AC9DB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9DB8  
}
```

## Border

The CSS property to change the border of an element to Hex AC9DB8 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  
#AC9DB8 }
```

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

```
.border{ border-color:#AC9DB8 }
```

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

Here you see how a box with a 4 pixel #AC9DB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9DB8; -webkit-box-shadow:4px 4px  
4px 4px #AC9DB8; box-shadow:4px 4px 4px  
4px #AC9DB8 }
```

# Background

The CSS property to change the background color of an element to Hex AC9DB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9DB8 }
```

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

```
.background{ background-color:#AC9DB8 }
```

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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