

# Converting Colors

Hex(AB89AE)

Have a look what the booklet for  
Hex(AB89AE) contains.

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# **Color**

**Hex(AB89AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB89AE
RGB	171, 137, 174
RGB Percent	67%, 54%, 68%
CMY	0.3294, 0.4627, 0.3176
CMYK	0.02, 0.21, 0.00, 0.32
HSL	295°, 19%, 61%
HSV	295°, 21%, 68%
XYZ	33.3802, 29.6052, 43.9995
YIQ	151.3840, 8.3870, 18.7150

# Conversions

## Conversions Part 2

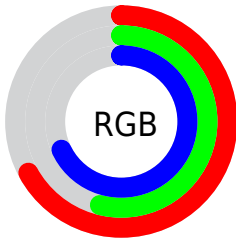
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 137, 174
Decimal	11241902
CIELab	61.31, 19.52, -14.57
CIElCh	61, 24.359, 323.275
Yxy	29.6052, 0.3120, 0.2767
Android (android.graphics.Color)	4289431982 (0xFFAB89AE)
YUV	151.3840, 11.1497, 17.2032
Hunter-Lab	54.4107, 14.2886, -9.8576

# Details

The Hex color **AB89AE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8CAE89**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E3BFE6**, and **76577A** is the 20% darker color. If you saturate the color by 10%, you get **AA78AE**, and if you desaturate by 10%, it is **AC9AAE**.

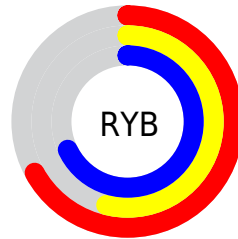
# Distribution



Red (67%)

Green (54%)

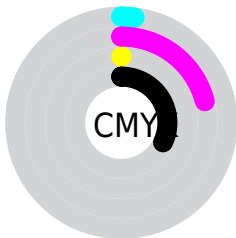
Blue (68%)



Red (67%)

Yellow (54%)

Blue (68%)

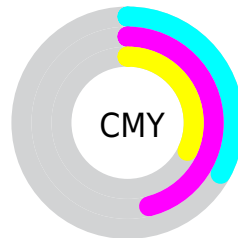


Cyan (2%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (33%)

Magenta (46%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB89AE 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 AB89AE by changing the saturation by 10% instead.



 AB89AE

 AB89AE

FFFFFF

 906F93

 E3BFE6

 76577A

 FFDAFF

 5D3F61

 FFF7FF

 452949

 2E1432

 1C001E

 000000

 AB89AE

 AB89AE

 AA78AE

 AC9AAE

 A866AE

 AEACAE

 A755AE

 AFBDAE

 A543AE

 B1CFAE

 A432AE

 B2E0AE

 A321AE

 B3F1AE

 A10FAE

 B5FFAE

 A000AE

 B6FFAE

 B8FFAE

# Harmonies

## Analogous

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



9190BB



AB89AE



BB859A

# Triad

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



AB89AE



A89169



53A0A4

# Complementary

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



AB89AE



8CAE89

# 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.



62A08E



AB89AE



92986C

# Square

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



AB89AE



B88A72



799D7A



599DB6

# Rectangle

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



AB89AE



C0848B



799D7A



56A09D



# Sweetspot

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



AB89AE



E2D5E3



898CAE



726B73



F2F2F2



737373



# Same Dimension

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



AB89AE



DEA8E3



AE899F



564E57



8A0096



150017



# Inverse Universe

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



AE898C



E3A8AD



89AE98



574E4F



96000C

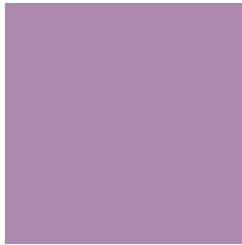


170002



# Previews

## White Background



This preview shows how the Hex color AB89AE looks on a white background.

## Color Contrast Check

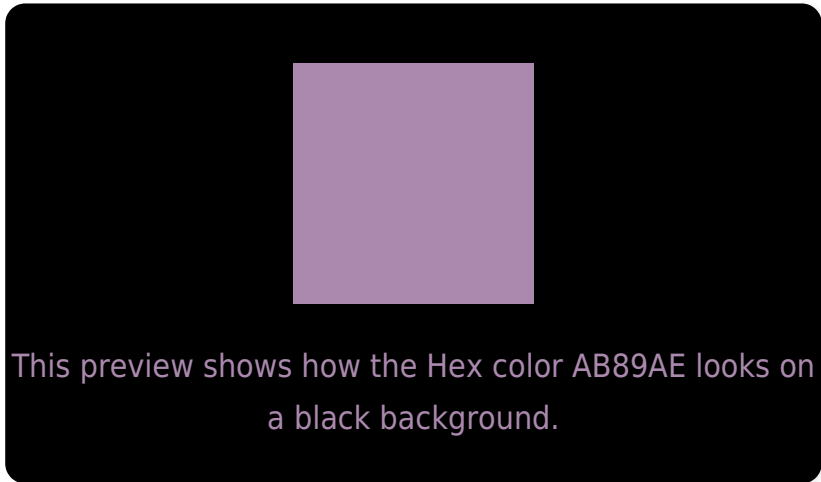
Large Text (above 18pt) WCAG AA ✓ Pass

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

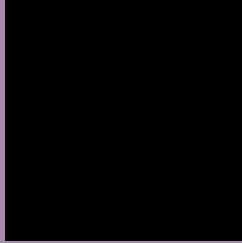
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB89AE Background



This preview shows how black text looks on a background with the Hex color AB89AE.



This preview shows how white text looks on a background with the Hex color AB89AE.

# 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**  
AB89AE

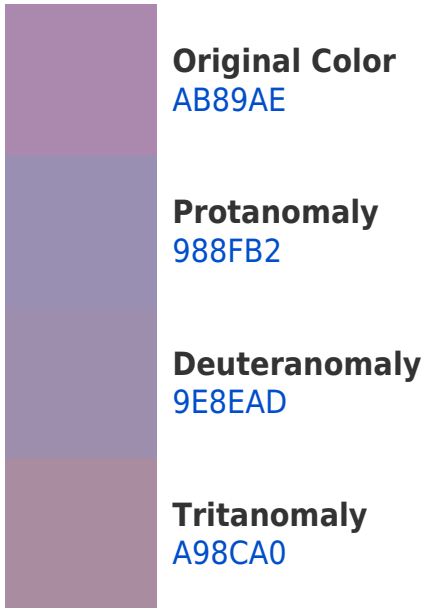
**Protanopia**  
8D93B5

**Deuteranopia**  
9791AD

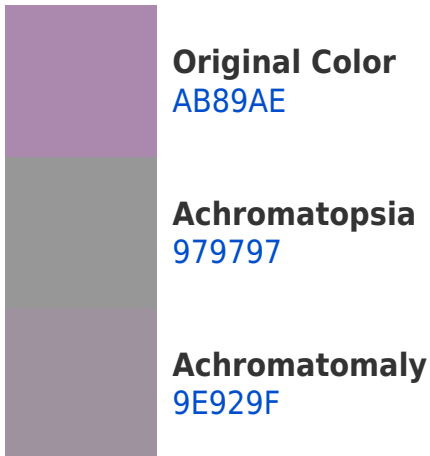


**Tritanopia**  
A88D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB89AE 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 #AB89AE looks like.

```
.text, #text, p{  
    color:#AB89AE  
}
```

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 #AB89AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB89AE
}
```

## Border

The CSS property to change the border of an element to Hex AB89AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

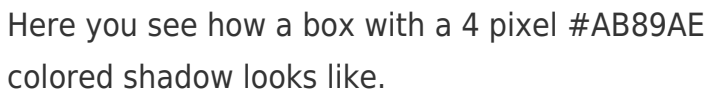
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB89AE }
```

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

```
.border{ border-color:#AB89AE }
```

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



Here you see how a box with a 4 pixel #AB89AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB89AE; -webkit-box-shadow:4px 4px  
4px 4px #AB89AE; box-shadow:4px 4px 4px  
4px #AB89AE }
```

# Background

The CSS property to change the background color of an element to Hex AB89AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB89AE }
```

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

```
.background{ background-color:#AB89AE }
```

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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