

# Converting Colors

Hex(AB7A89)

Have a look what the booklet for  
Hex(AB7A89) contains.

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**Color**

**Hex(AB7A89)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB7A89
RGB	171, 122, 137
RGB Percent	67%, 48%, 54%
CMY	0.3294, 0.5216, 0.4627
CMYK	0.00, 0.29, 0.20, 0.33
HSL	342°, 23%, 57%
HSV	342°, 29%, 67%
XYZ	28.2695, 24.3831, 26.8834
YIQ	138.3610, 24.3890, 15.0530

# Conversions

## Conversions Part 2

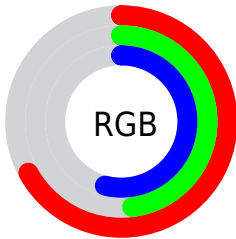
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 122, 137
Decimal	11238025
CIE <sub>Lab</sub>	56.47, 21.39, -0.52
CIE <sub>LCh</sub>	56, 21.395, 358.601
Yxy	24.3831, 0.3554, 0.3066
Android (android.graphics.Color)	4289428105 (0xFFAB7A89)
YUV	138.3610, -0.6710, 28.6244
Hunter-Lab	49.3793, 15.7769, 2.2865

# Details

The Hex color **AB7A89** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7AAB9C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E3AFBE**, and **764957** is the 20% darker color. If you saturate the color by 10%, you get **AB697D**, and if you desaturate by 10%, it is **AB8B95**.

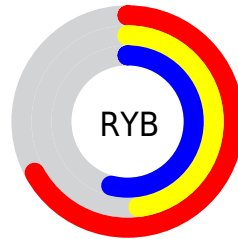
# Distribution



Red (67%)

Green (48%)

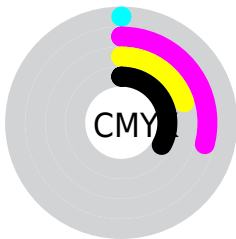
Blue (54%)



Red (67%)

Yellow (48%)

Blue (54%)

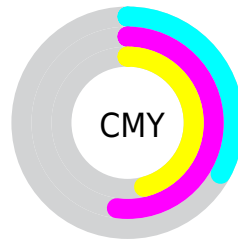


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (52%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB7A89 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 AB7A89 by changing the saturation by 10% instead.



 AB7A89

 AB7A89

FFFFFF

 906170

 E3AFBE

 764957

 FFCADA

 5C3240

 FFE7F7

 441B2A

 2C0516

 0F0000

 000000

 AB7A89

 AB7A89

 AB697D

 AB8B95

 AB5871

 AB9CA1

 AB4765

 ABADAD

 AB365A

 ABBEB8

 AB254E

 ABCFC4

 AB1342

 ABE1D0

 AB0236

 ABF2DC

 AB0034

 ABFFE8

 ABFFF4

# Harmonies

## Analogous

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



9F7D9B



AB7A89



AD7B76

# Triad

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



AB7A89



828C66



598FA7

# Complementary

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



AB7A89



7AAB9C

# 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.



509199



AB7A89



6D9074

# Square

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



AB7A89



968662



5A9286



6F89AC

# Rectangle

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



AB7A89



A97E6C



5A9286



5490A3



# Sweetspot

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



AB7A89



DECAD0



9B7AAB



706468



F0F0F0



707070



# Same Dimension

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



AB7A89



DE92AA



AB837A



574E51



96002E



170007



# Inverse Universe

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



AB7A89



DE92AA



7AA2AB



574E51



96002E

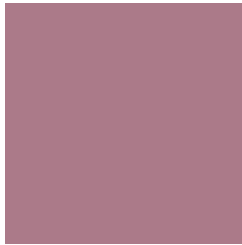


170007



# Previews

## White Background



This preview shows how the Hex color AB7A89 looks on a white background.

## Color Contrast Check

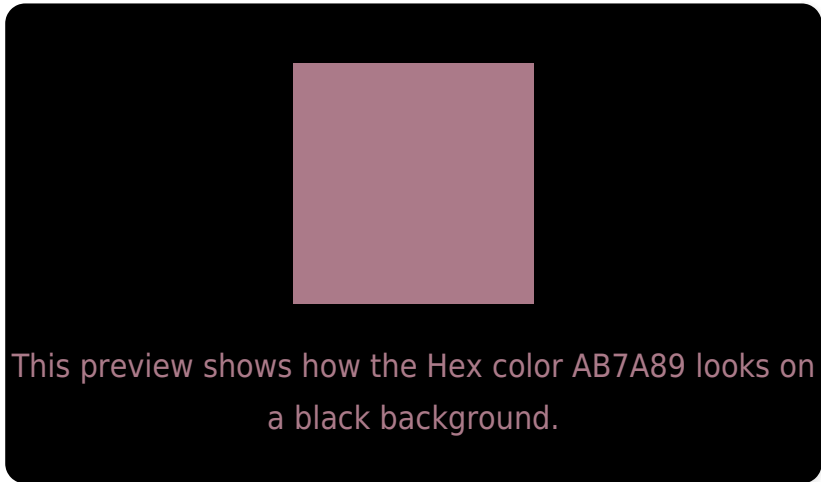
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB7A89 Background



This preview shows how black text looks on a background with the Hex color AB7A89.




This preview shows how white text looks on a background with the Hex color AB7A89.

# 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**  
AA7B84

# Trichromacy



**Original Color**  
AB7A89

**Protanomaly**  
95828E

**Deuteranomaly**  
9D8088

**Tritanomaly**  
AA7B86

# Monochromacy



**Original Color**  
AB7A89

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
96848A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB7A89 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 #AB7A89 looks like.

```
.text, #text, p{  
    color:#AB7A89  
}
```

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 #AB7A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7A89
}
```

## Border

The CSS property to change the border of an element to Hex AB7A89 is called "border". The border property can be set on classes, ids or directly on the HTML element.

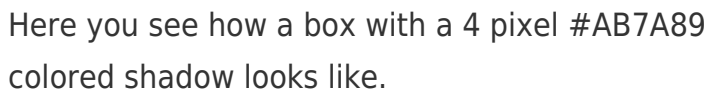
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB7A89 }
```

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

```
.border{ border-color:#AB7A89 }
```

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



Here you see how a box with a 4 pixel `#AB7A89` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7A89; -webkit-box-shadow:4px 4px  
4px 4px #AB7A89; box-shadow:4px 4px 4px  
4px #AB7A89 }
```

# Background

The CSS property to change the background color of an element to Hex AB7A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7A89 }
```

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

```
.background{ background-color:#AB7A89 }
```

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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