

# Converting Colors

Hex(AB7781)

Have a look what the booklet for  
Hex(AB7781) contains.

<b>Hex(AB7781)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(AB7781)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB7781
RGB	171, 119, 129
RGB Percent	67%, 47%, 51%
CMY	0.3294, 0.5333, 0.4941
CMYK	0.00, 0.30, 0.25, 0.33
HSL	348°, 24%, 57%
HSV	348°, 30%, 67%
XYZ	27.3539, 23.4366, 23.8509
YIQ	135.6880, 27.7820, 14.1340

# Conversions

## Conversions Part 2

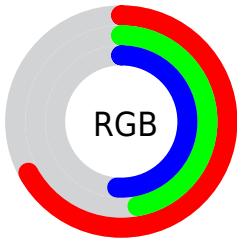
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 119, 129
Decimal	11237249
CIE <sub>Lab</sub>	55.52, 21.84, 2.75
CIE <sub>LCh</sub>	56, 22.013, 7.168
Yxy	23.4366, 0.3665, 0.3140
Android (android.graphics.Color)	4289427329 (0xFFAB7781)
YUV	135.6880, -3.2972, 30.9686
Hunter-Lab	48.4113, 16.1381, 4.6774

# Details

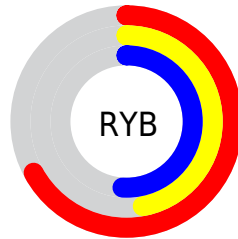
The Hex color **AB7781** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **77ABA1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E3ACB6**, and **764650** is the 20% darker color. If you saturate the color by 10%, you get **AB6673**, and if you desaturate by 10%, it is **AB888F**.

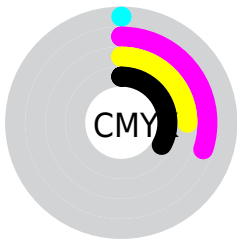
# Distribution



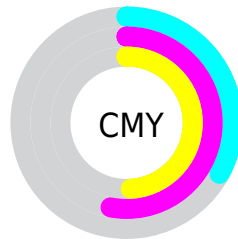
- Red (67%)
- Green (47%)
- Blue (51%)



- Red (67%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB7781 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 AB7781 by changing the saturation by 10% instead.



 AB7781

 AB7781

FFFFFF

 905E68

 E3ACB6

 764650

 FFC7D1

 5C2F39

 FFE3EE

 431924

 2C020E

 070000

 000000

 AB7781

 AB7781

 AB6673

 AB888F

 AB5565

 AB999D

 AB4458

 ABAAAA

 AB334A

 AB BBBB8

 AB213C

 ABCCCC6

 AB102E

 ABDEED4

 AB0021

 ABEFE2

 ABFFEF

 ABFFFD

# Harmonies

## Analogous

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



A17994



AB7781



AA796F

# Triad

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



AB7781



798B66



5A8BA8

# Complementary

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



AB7781



77ABA1

# 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.



4C8F9B



AB7781



638E76

# Square

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



AB7781



8E855F



519089



7485AB

# Rectangle

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



AB7781



A47D66



519089



538CA4



# Sweetspot

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



AB7781



DECACE



A177AB



706466



F0F0F0



707070



# Same Dimension

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



AB7781



DE8E9D



AB8777



574E50



96001D



170004



# Inverse Universe

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



AB7781



DE8E9D



779BAB



574E50



96001D

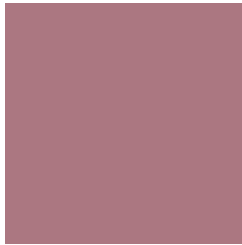


170004



# Previews

## White Background



This preview shows how the Hex color AB7781 looks on a white background.

## Color Contrast Check

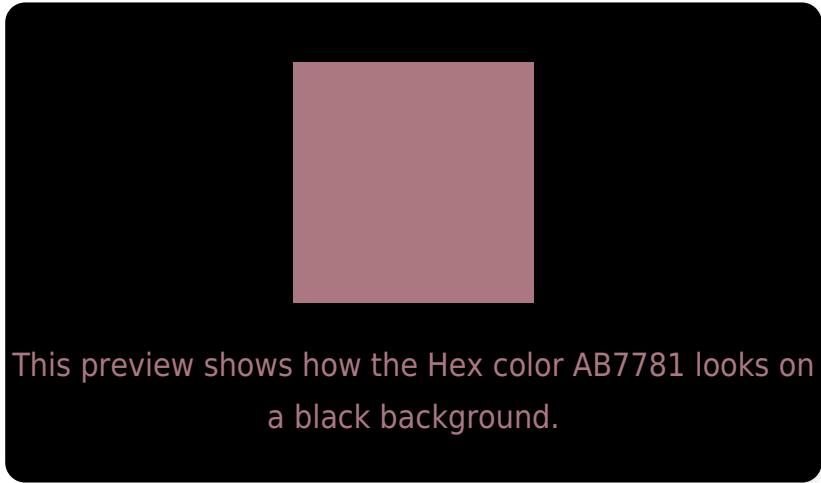
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB7781 Background



This preview shows how black text looks on a background with the Hex color AB7781.



This preview shows how white text looks on a background with the Hex color AB7781.

# 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**  
AB7781

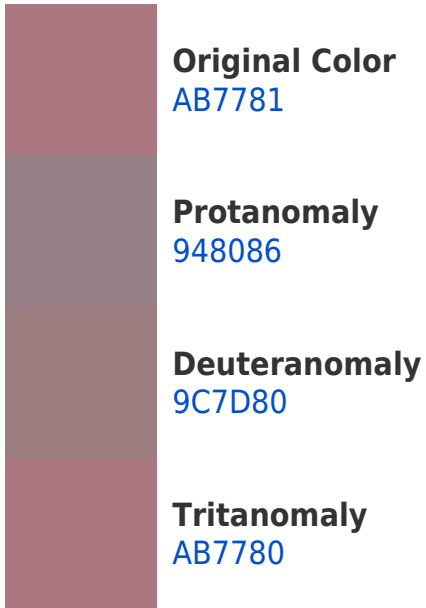
**Protanopia**  
878589

**Deuteranopia**  
94817F

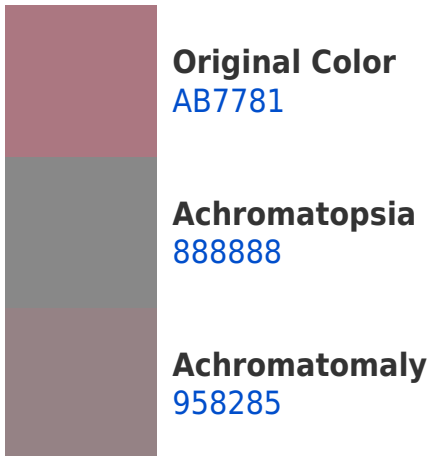


**Tritanopia**  
AB7780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB7781 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 #AB7781 looks like.

```
.text, #text, p{  
    color:#AB7781  
}
```

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 #AB7781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7781
}
```

## Border

The CSS property to change the border of an element to Hex AB7781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

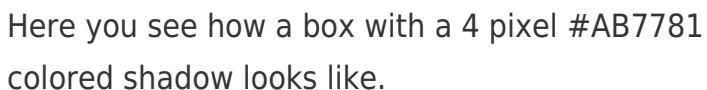
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB7781 }
```

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

```
.border{ border-color:#AB7781 }
```

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



Here you see how a box with a 4 pixel `#AB7781` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7781; -webkit-box-shadow:4px 4px  
4px 4px #AB7781; box-shadow:4px 4px 4px  
4px #AB7781 }
```

# Background

The CSS property to change the background color of an element to Hex AB7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7781 }
```

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

```
.background{ background-color:#AB7781 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor