

# Converting Colors

Hex(AB7578)

Have a look what the booklet for  
Hex(AB7578) contains.

<b>Hex(AB7578)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AB7578)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB7578
RGB	171, 117, 120
RGB Percent	67%, 46%, 47%
CMY	0.3294, 0.5412, 0.5294
CMYK	0.00, 0.32, 0.30, 0.33
HSL	357°, 24%, 56%
HSV	357°, 32%, 67%
XYZ	26.5460, 22.7366, 20.7588
YIQ	133.4880, 31.2210, 12.3810

# Conversions

## Conversions Part 2

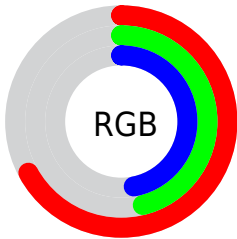
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 117, 120
Decimal	11236728
CIE <sub>Lab</sub>	54.80, 21.66, 6.96
CIE <sub>LCh</sub>	55, 22.750, 17.813
Yxy	22.7366, 0.3790, 0.3246
Android (android.graphics.Color)	4289426808 (0xFFAB7578)
YUV	133.4880, -6.6496, 32.8980
Hunter-Lab	47.6829, 15.9296, 7.5661

# Details

The Hex color **AB7578** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **75ABA8**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **E3AAAC**, and **754448** is the 20% darker color. If you saturate the color by 10%, you get **AB6468**, and if you desaturate by 10%, it is **AB8688**.

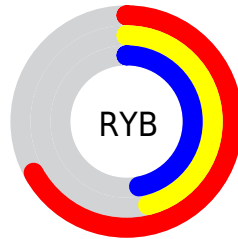
# Distribution



Red (67%)

Green (46%)

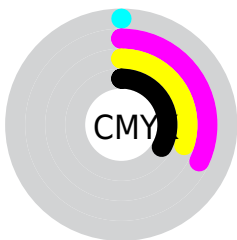
Blue (47%)



Red (67%)

Yellow (46%)

Blue (47%)

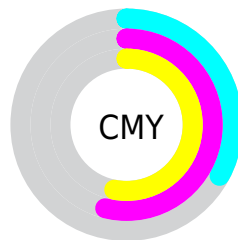


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB7578 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 AB7578 by changing the saturation by 10% instead.



 AB7578

 AB7578

FFFFFF

 905C5F

 E3AAAC

 754448

 FFC5C8

 5B2D31

 FFE1E4

 42171C

FFFEFF

 2C0002

 000000

 AB7578

 AB7578

 AB6468

 AB8688

 AB5358

 AB9798

 AB4248

 ABA8A8

 AB3137

 ABB9B9

 AB1F27

 ABCAC9

 AB0E17

 ABD9D9

 AB0009

 ABEDE9

 ABFEF9

 ABFFFF

# Harmonies

## Analogous

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



A5758C



AB7578



A67967

# Triad

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



AB7578



6F8B68



5F87A9

# Complementary

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



AB7578



75ABA8

# 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.



4A8CA0



AB7578



598E7A

# Square

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



AB7578



85865D



498E8E



7B81A8

# Rectangle

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



AB7578



9E7D5F



498E8E



5789A7



# Sweetspot

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



AB7578



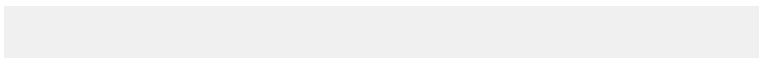
DECACB



A775AB



706465



F0F0F0



707070



# Same Dimension

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



AB7578



DE8A8E



AB8C75



574E4F



960008



170001



# Inverse Universe

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



AB7578



DE8A8E



7594AB



574E4F



960008

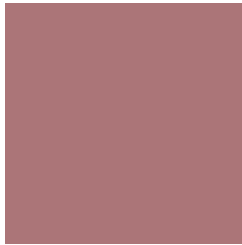


170001



# Previews

## White Background



This preview shows how the Hex color AB7578 looks on a white background.

## Color Contrast Check

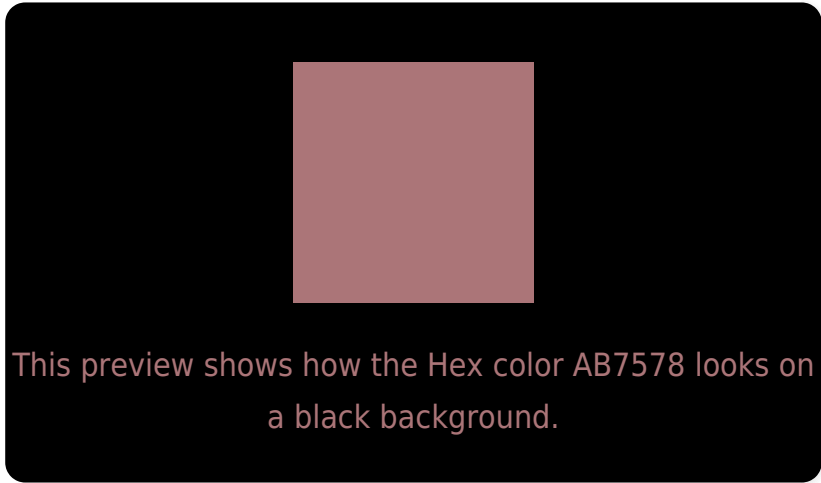
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB7578 Background



This preview shows how black text looks on a background with the Hex color AB7578.



This preview shows how white text looks on a background with the Hex color AB7578.

# 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**  
AC747D

# Trichromacy



**Original Color**  
AB7578

**Protanomaly**  
947E7D

**Deuteranomaly**  
9D7B77

**Tritanomaly**  
AC747B

# Monochromacy



**Original Color**  
AB7578

**Achromatopsia**  
858585

**Achromatomaly**  
937F80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB7578 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 #AB7578 looks like.

```
.text, #text, p{  
    color:#AB7578  
}
```

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 #AB7578 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7578
}
```

## Border

The CSS property to change the border of an element to Hex AB7578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

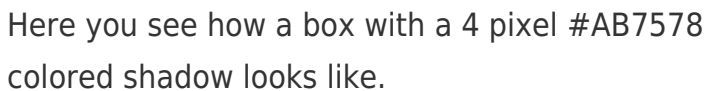
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB7578 }
```

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

```
.border{ border-color:#AB7578 }
```

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



Here you see how a box with a 4 pixel `#AB7578` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7578; -webkit-box-shadow:4px 4px  
4px 4px #AB7578; box-shadow:4px 4px 4px  
4px #AB7578 }
```

# Background

The CSS property to change the background color of an element to Hex AB7578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7578 }
```

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

```
.background{ background-color:#AB7578 }
```

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