

# Converting Colors

Hex(AB6B6A)

Have a look what the booklet for  
Hex(AB6B6A) contains.

<b>Hex(AB6B6A)</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(AB6B6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB6B6A
RGB	171, 107, 106
RGB Percent	67%, 42%, 42%
CMY	0.3294, 0.5804, 0.5843
CMYK	0.00, 0.37, 0.38, 0.33
HSL	1°, 28%, 54%
HSV	1°, 38%, 67%
XYZ	24.6538, 20.2139, 16.2379
YIQ	126.0220, 38.4650, 13.2570

# Conversions

## Conversions Part 2

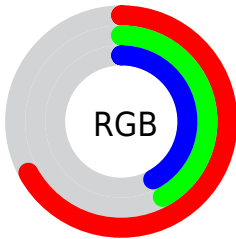
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 107, 106
Decimal	11234154
CIE Lab	52.08, 25.43, 11.32
CIE LCh	52, 27.837, 23.985
Yxy	20.2139, 0.4035, 0.3308
Android (android.graphics.Color)	4289424234 (0xFFAB6B6A)
YUV	126.0220, -9.8708, 39.4457
Hunter-Lab	44.9599, 19.2008, 10.0584

# Details

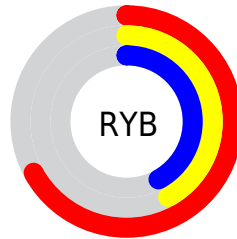
The Hex color **AB6B6A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6AAAAB**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E49F9D**, and **743A3B** is the 20% darker color. If you saturate the color by 10%, you get **AB5A59**, and if you desaturate by 10%, it is **AB7C7B**.

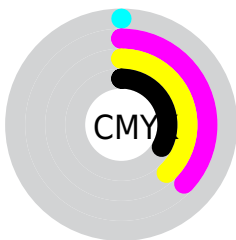
# Distribution



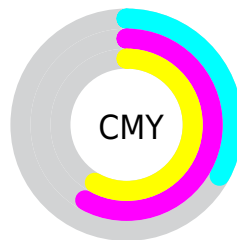
- Red (67%)
- Green (42%)
- Blue (42%)



- Red (67%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (38%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB6B6A 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 AB6B6A by changing the saturation by 10% instead.



 AB6B6A

 AB6B6A

FFFFFF

 8F5252

 E49F9D

 743A3B

 FFBA88

 5A2325

 FFD6D4

 410C11

 FFF3F0

 2B0000

 000000

 AB6B6A

 AB6B6A

 AB5A59

 AB7C7B

 AB4948

 AB8D8C

 AB3837

 AB9E9D

 AB2826

 ABAAEA

 AB1714

 ABBFBF

 AB0603

 ABD0D1

 AB0300

 ABE1E2

 ABF2F3

 ABFFFF

# Harmonies

## Analogous

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



A76A82



AB6B6A



A37156

# Triad

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



AB6B6A



5D865F



5380AB

# Complementary

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



AB6B6A



6AAAAB

# 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.



2E86A2



AB6B6A



3F8976

# Square

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



AB6B6A



798150



26898F



7878A8

# Rectangle

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



AB6B6A



97764F



26898F



4682AA



# Sweetspot

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



AB6B6A



DEC6C5



AB6AAB



706262



F0F0F0



707070



# Same Dimension

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



AB6B6A



DE7978



AB8A6A



574E4E



960200



170000



# Inverse Universe

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



6AAAAB



78DCDE



6A8AAB



4E5757



009496

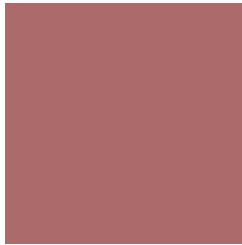


001717



# Previews

## White Background



This preview shows how the Hex color AB6B6A looks on a white background.

## Color Contrast Check

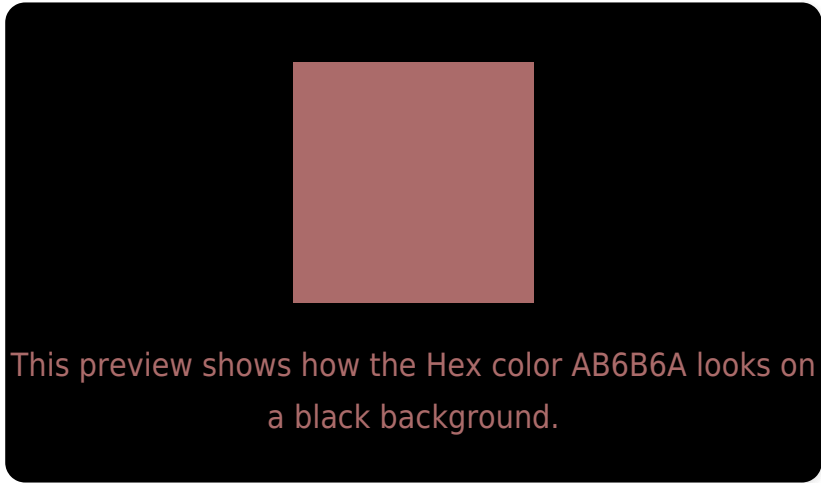
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB6B6A Background



This preview shows how black text looks on a background with the Hex color AB6B6A.

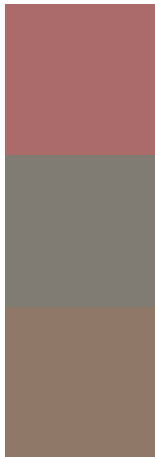


This preview shows how white text looks on a background with the Hex color AB6B6A.

# 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



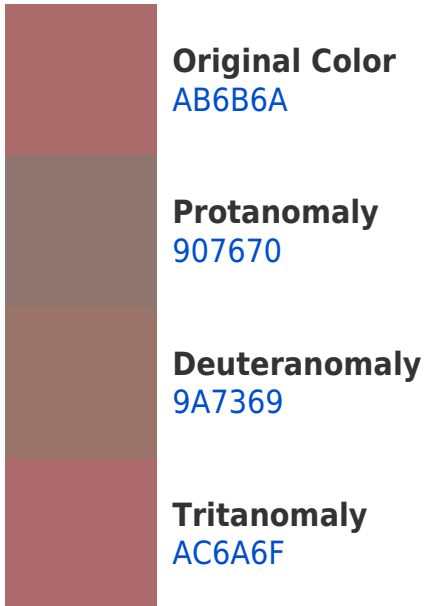
**Original Color**  
AB6B6A

**Protanopia**  
817C73

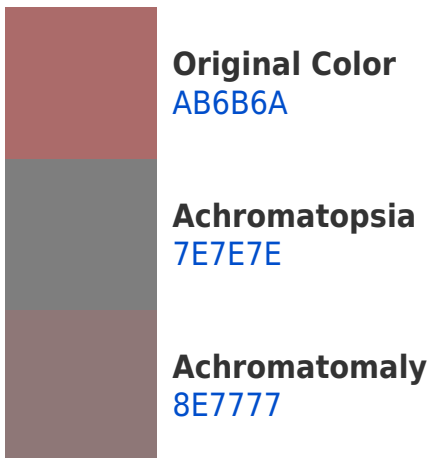
**Deuteranopia**  
907868



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB6B6A 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 #AB6B6A looks like.

```
.text, #text, p{  
    color:#AB6B6A  
}
```

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 #AB6B6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB6B6A
}
```

## Border

The CSS property to change the border of an element to Hex AB6B6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

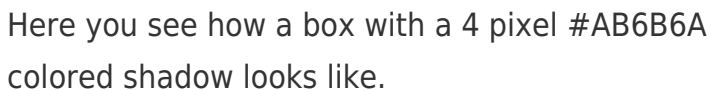
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB6B6A }
```

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

```
.border{ border-color:#AB6B6A }
```

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



Here you see how a box with a 4 pixel `#AB6B6A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB6B6A; -webkit-box-shadow:4px 4px  
4px 4px #AB6B6A; box-shadow:4px 4px 4px  
4px #AB6B6A }
```

# Background

The CSS property to change the background color of an element to Hex AB6B6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB6B6A }
```

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

```
.background{ background-color:#AB6B6A }
```

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