

# Converting Colors

Hex(A7A6B8)

Have a look what the booklet for  
Hex(A7A6B8) contains.

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# **Color**

**Hex(A7A6B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7A6B8
RGB	167, 166, 184
RGB Percent	65%, 65%, 72%
CMY	0.3451, 0.3490, 0.2784
CMYK	0.09, 0.10, 0.00, 0.28
HSL	243°, 11%, 69%
HSV	243°, 10%, 72%
XYZ	38.2243, 38.9486, 50.8506
YIQ	168.3510, -5.1820, 5.8100

# Conversions

## Conversions Part 2

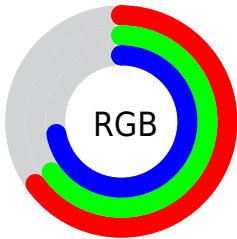
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 166, 184
Decimal	10987192
CIE <sub>Lab</sub>	68.71, 3.92, -9.11
CIE <sub>LCh</sub>	69, 9.919, 293.273
Yxy	38.9486, 0.2986, 0.3042
Android (android.graphics.Color)	4289177272 (0xFFA7A6B8)
YUV	168.3510, 7.7150, -1.1848
Hunter-Lab	62.4088, 0.1126, -4.6232

# Details

The Hex color **A7A6B8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B7B8A6**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DEDDF0**, and **737283** is the 20% darker color. If you saturate the color by 10%, you get **9694B8**, and if you desaturate by 10%, it is **B8B8B8**.

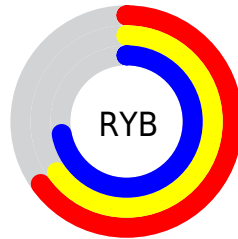
# Distribution



Red (65%)

Green (65%)

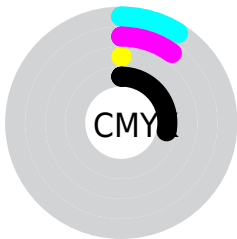
Blue (72%)



Red (65%)

Yellow (65%)

Blue (72%)

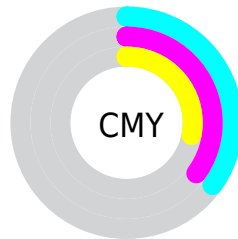


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (35%)

Magenta (35%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7A6B8 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 A7A6B8 by changing the saturation by 10% instead.



 A7A6B8

 A7A6B8

FFFFFF

 8D8C9D

 DEDDF0

 737283

 FBF AFF

 5A5A6A

 434252

 2D2C3B

 181825

 000110

 000000

 A7A6B8

 A7A6B8

9694B8

B8B8B8

8481B8

CACBB8

736FB8

DBDDB8

615CB8

EDF0B8

504AB8

FEFFB8

3F38B8

FFFFB8

2D25B8

1C13B8

0B00B8

# Harmonies

## Analogous

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



9CA9B9



A7A6B8



B2A3B2

# Triad

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



A7A6B8



B8A49A



95ADA5

# Complementary

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



A7A6B8



B7B8A6

# 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.



9DAC9D



A7A6B8



B1A696

# Square

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



A7A6B8



BBA2A1



A7A997



91ADAE

# Rectangle

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



A7A6B8



B7A2AD



A7A997



97ADA2

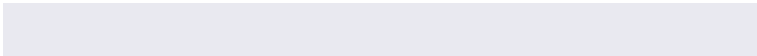


# Sweetspot

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



A7A6B8



E9E9F0



A6B7B8



737378



F7F7F7



787878



# Same Dimension

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



A7A6B8



D5D3F0



B0A6B8



53535C



09009C



02001C



# Inverse Universe

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



B8A6B7



F0D3EE



AEB8A6



5C535B



9C0093



1C001A



# Previews

## White Background



This preview shows how the Hex color A7A6B8 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A7A6B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

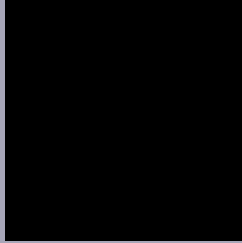
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7A6B8 Background



This preview shows how black text looks on a background with the Hex color A7A6B8.

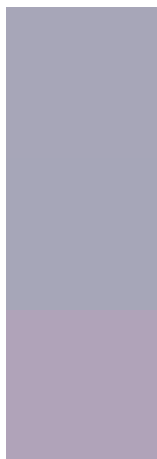


This preview shows how white text looks on a background with the Hex color A7A6B8.

# 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**  
A7A6B8

**Protanopia**  
A6A6B8

**Deuteranopia**  
B0A3B9



**Tritanopia**  
A6A7B4

# Trichromacy



**Original Color**  
A7A6B8

**Protanomaly**  
A6A6B8

**Deuteranomaly**  
ADA4B9

**Tritanomaly**  
A6A7B5

# Monochromacy



**Original Color**  
A7A6B8

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
A8A7AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7A6B8 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 #A7A6B8 looks like.

```
.text, #text, p{  
    color:#A7A6B8  
}
```

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 #A7A6B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7A6B8  
}
```

## Border

The CSS property to change the border of an element to Hex A7A6B8 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  
#A7A6B8 }
```

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

```
.border{ border-color:#A7A6B8 }
```

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

Here you see how a box with a 4 pixel #A7A6B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7A6B8; -webkit-box-shadow:4px 4px  
4px 4px #A7A6B8; box-shadow:4px 4px 4px  
4px #A7A6B8 }
```

# Background

The CSS property to change the background color of an element to Hex A7A6B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7A6B8 }
```

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

```
.background{ background-color:#A7A6B8 }
```

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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