

# Converting Colors

Hex(AB91A9)

Have a look what the booklet for  
Hex(AB91A9) contains.

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# **Color**

**Hex(AB91A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB91A9
RGB	171, 145, 169
RGB Percent	67%, 57%, 66%
CMY	0.3294, 0.4314, 0.3373
CMYK	0.00, 0.15, 0.01, 0.33
HSL	305°, 13%, 62%
HSV	305°, 15%, 67%
XYZ	34.0814, 31.7733, 41.8727
YIQ	155.5100, 7.7920, 12.9760

# Conversions

## Conversions Part 2

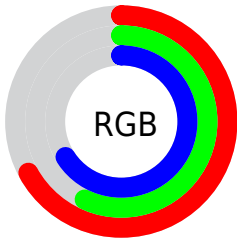
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">171, 145, 169</a>
Decimal	<a href="#">11243945</a>
CIELab	<a href="#">63.16, 14.03, -8.97</a>
CIELCh	<a href="#">63, 16.654, 327.423</a>
Yxy	<a href="#">31.7733, 0.3164, 0.2949</a>
Android (android.graphics.Color)	<a href="#">4289434025 (0xFFAB91A9)</a>
YUV	<a href="#">155.5100, 6.6506, 13.5847</a>
Hunter-Lab	<a href="#">56.3678, 9.2820, -4.5860</a>

# Details

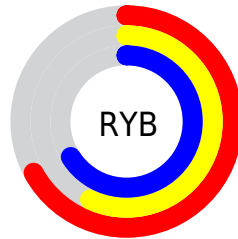
The Hex color **AB91A9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **91AB93**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E2C7E0**, and **775E75** is the 20% darker color. If you saturate the color by 10%, you get **AB80A8**, and if you desaturate by 10%, it is **ABA2AA**.

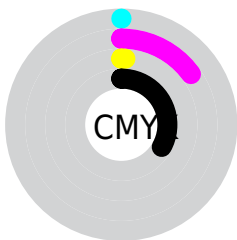
# Distribution



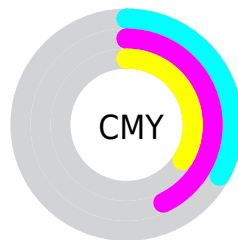
- Red (67%)
- Green (57%)
- Blue (66%)



- Red (67%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (43%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB91A9 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 AB91A9 by changing the saturation by 10% instead.



 AB91A9

 AB91A9

FFFFFF

 90778F

 E2C7E0

 775E75

 FFE3FD

 5E475C

 463045

 2F1B2E

 1C011A

 000000

 AB91A9

 AB91A9

 AB80A8

 ABA2AA

 AB6FA6

 ABB3AC

 AB5EA5

 ABC4AD

 AB4DA4

 ABD5AE

 AB3CA2

 ABE6B0

 AB2AA1

 ABF8B1

 AB19A0

 ABFFB2

 AB089E

 ABFFB4

 AB009E

 ABFFB5

# Harmonies

## Analogous

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



9A96B3



AB91A9



B68F9B

# Triad

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



AB91A9



A6977B



71A1A6

# Complementary

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



AB91A9



91AB93

# 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.



77A197



AB91A9



969C7E

# Square

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



AB91A9



B29380



85A089



779FB1

# Rectangle

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



AB91A9



B88F91



85A089



72A1A1



# Sweetspot

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



AB91A9



DED3DD



9391AB



706970



F0F0F0



707070



# Same Dimension

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



AB91A9



DEB6DB



AB919C



574E56



96008B



170015



# Inverse Universe

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



AB91A9



DEB6DB



91ABA0



574E56



96008B

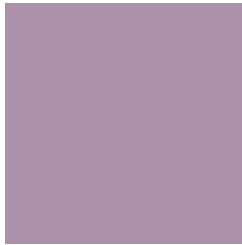


170015



# Previews

## White Background



This preview shows how the Hex color AB91A9 looks on a white background.

## Color Contrast Check

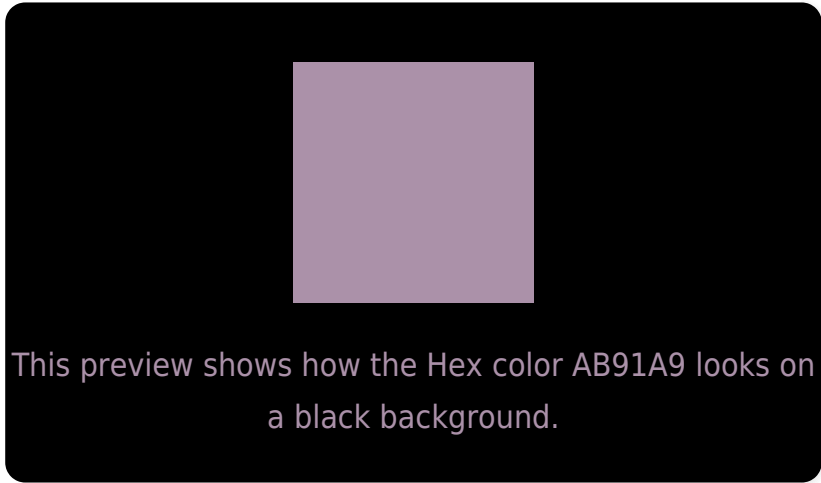
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

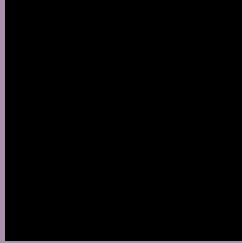
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB91A9 Background



This preview shows how black text looks on a background with the Hex color AB91A9.



This preview shows how white text looks on a background with the Hex color AB91A9.

# 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**  
AB91A9

**Protanopia**  
9698AD

**Deuteranopia**  
A195A8



**Tritanopia**  
A9939E

# Trichromacy



**Original Color**  
AB91A9

**Protanomaly**  
9E95AC

**Deuteranomaly**  
A594A8

**Tritanomaly**  
AA92A2

# Monochromacy



**Original Color**  
AB91A9

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
A198A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB91A9 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 #AB91A9 looks like.

```
.text, #text, p{  
    color:#AB91A9  
}
```

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 #AB91A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB91A9
}
```

## Border

The CSS property to change the border of an element to Hex AB91A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

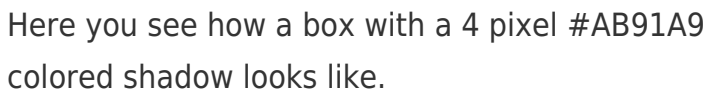
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB91A9 }
```

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

```
.border{ border-color:#AB91A9 }
```

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



Here you see how a box with a 4 pixel #AB91A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB91A9; -webkit-box-shadow:4px 4px  
4px 4px #AB91A9; box-shadow:4px 4px 4px  
4px #AB91A9 }
```

# Background

The CSS property to change the background color of an element to Hex AB91A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB91A9 }
```

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

```
.background{ background-color:#AB91A9 }
```

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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