

# Converting Colors

Hex(AB90AB)

Have a look what the booklet for  
Hex(AB90AB) contains.

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# **Color**

**Hex(AB90AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB90AB
RGB	171, 144, 171
RGB Percent	67%, 56%, 67%
CMY	0.3294, 0.4353, 0.3294
CMYK	0.00, 0.16, 0.00, 0.33
HSL	300°, 14%, 62%
HSV	300°, 16%, 67%
XYZ	34.1185, 31.5447, 42.8186
YIQ	155.1510, 7.4250, 14.1210

# Conversions

## Conversions Part 2

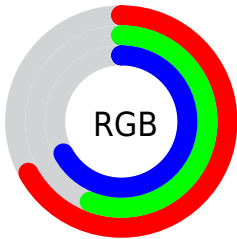
Format	Color
R <sub>Y</sub> B	171, 144, 171
Decimal	11243691
CIE Lab	62.96, 14.98, -10.38
CIE LCh	63, 18.228, 325.281
Yxy	31.5447, 0.3145, 0.2908
Android (android.graphics.Color)	4289433771 (0xFFAB90AB)
YUV	155.1510, 7.8136, 13.8996
Hunter-Lab	56.1647, 10.1457, -5.8860

# Details

The Hex color **AB90AB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **90AB90**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E2C6E2**, and **775D77** is the 20% darker color. If you saturate the color by 10%, you get **AB7FAB**, and if you desaturate by 10%, it is **ABA1AB**.

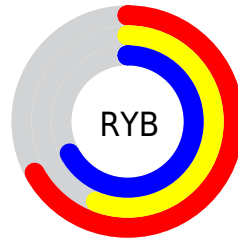
# Distribution



Red (67%)

Green (56%)

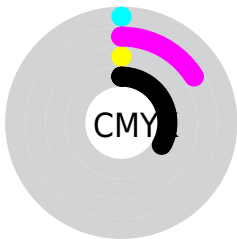
Blue (67%)



Red (67%)

Yellow (56%)

Blue (67%)

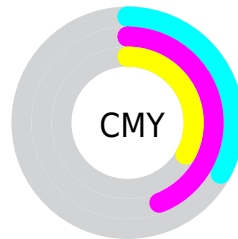


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB90AB 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 AB90AB by changing the saturation by 10% instead.



 AB90AB

 AB90AB

FFFFFF

 907690

 E2C6E2

 775D77

 FFE2FF

 5E465E

 462F46

 2F1A30

 1C001B

 000000

 AB90AB

 AB90AB

 AB7FAB

 ABA1AB

 AB6EAB

 ABB2AB

 AB5DAB

 ABC3AB

 AB4CAB

 ABD4AB

 AB3BAB

 ABE5AB

 AB29AB

 ABF7AB

 AB18AB

 ABFFAB

 AB07AB

 AB00AB

# Harmonies

## Analogous

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



9895B6



AB90AB



B78D9C

# Triad

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



AB90AB



A79678



6CA1A6

# Complementary

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



AB90AB



90AB90

# 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.



74A295



AB90AB



969C7B

# Square

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



AB90AB



B4917E



84A085



719FB2

# Rectangle

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



AB90AB



BA8D91



84A085



6DA2A0



# Sweetspot

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



AB90AB



DED3DE



9090AB



706970



F0F0F0



707070



# Same Dimension

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



AB90AB



DEB4DE



AB909D



574E57



960096



170017



# Inverse Universe

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



AB90AB



DEB4DE



90AB9D



574E57



960096

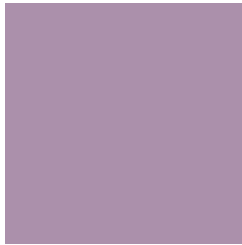


170017



# Previews

## White Background



This preview shows how the Hex color AB90AB looks on a white background.

## Color Contrast Check

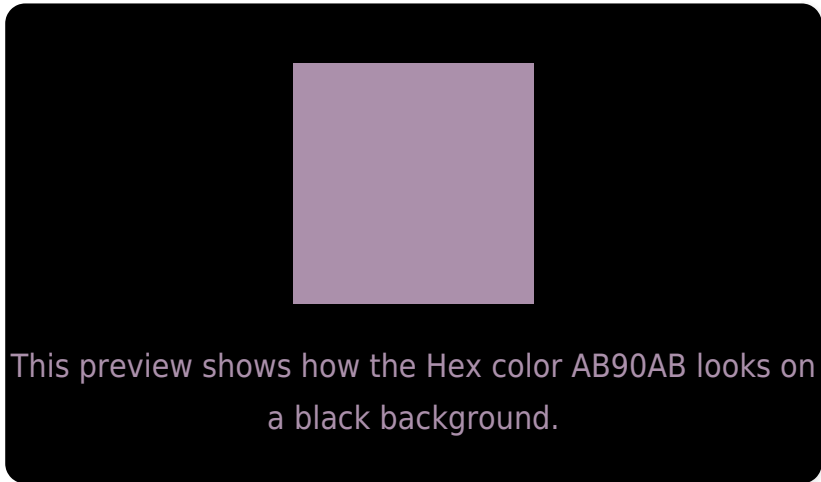
Large Text (above 18pt) WCAG AA × Fail

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

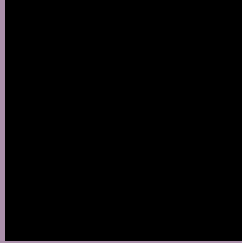
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB90AB Background



This preview shows how black text looks on a background with the Hex color AB90AB.



This preview shows how white text looks on a background with the Hex color AB90AB.

# 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**  
AB90AB

**Protanopia**  
9497B0

**Deuteranopia**  
9F94AA



**Tritanopia**  
A9929E

# Trichromacy



**Original Color**  
AB90AB

**Protanomaly**  
9C94AE

**Deuteranomaly**  
A393AA

**Tritanomaly**  
AA91A3

# Monochromacy



**Original Color**  
AB90AB

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
A197A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB90AB 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 #AB90AB looks like.

```
.text, #text, p{  
    color:#AB90AB  
}
```

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 #AB90AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB90AB  
}
```

## Border

The CSS property to change the border of an element to Hex AB90AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

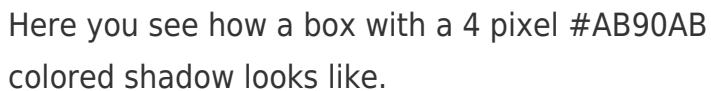
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AB90AB }
```

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

```
.border{ border-color:#AB90AB }
```

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



Here you see how a box with a 4 pixel `#AB90AB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB90AB; -webkit-box-shadow:4px 4px  
4px 4px #AB90AB; box-shadow:4px 4px 4px  
4px #AB90AB }
```

# Background

The CSS property to change the background color of an element to Hex AB90AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB90AB }
```

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

```
.background{ background-color:#AB90AB }
```

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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