

# Converting Colors

Hex(AB93C8)

Have a look what the booklet for  
Hex(AB93C8) contains.

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# Color

**Hex(AB93C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB93C8
RGB	171, 147, 200
RGB Percent	67%, 58%, 78%
CMY	0.3294, 0.4235, 0.2157
CMYK	0.15, 0.27, 0.00, 0.22
HSL	267°, 33%, 68%
HSV	267°, 27%, 78%
XYZ	37.6536, 33.6955, 59.1629
YIQ	160.2180, -2.7090, 21.5710

# Conversions

## Conversions Part 2

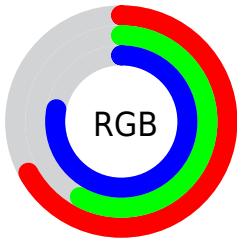
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 147, 200
Decimal	11244488
CIE <sub>Lab</sub>	64.72, 19.29, -24.03
CIE <sub>LCh</sub>	65, 30.813, 308.753
Yxy	33.6955, 0.2885, 0.2582
Android (android.graphics.Color)	4289434568 (0xFFAB93C8)
YUV	160.2180, 19.6125, 9.4558
Hunter-Lab	58.0478, 14.2031, -19.7955

# Details

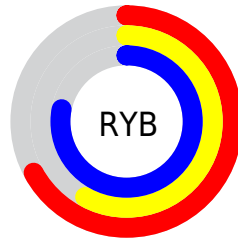
The Hex color **AB93C8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B0C893**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **E3C9FF**, and **766092** is the 20% darker color. If you saturate the color by 10%, you get **A07FC8**, and if you desaturate by 10%, it is **B6A7C8**.

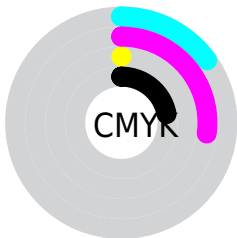
# Distribution



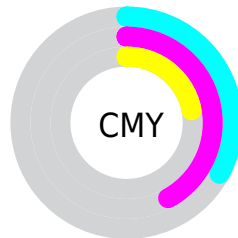
- Red (67%)
- Green (58%)
- Blue (78%)



- Red (67%)
- Yellow (58%)
- Blue (78%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (42%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB93C8 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 AB93C8 by changing the saturation by 10% instead.



 AB93C8

 AB93C8

FFFFFF

 9079AD

 E3C9FF

 766092

 FFE5FF

 5D4878

 45325F

 2D1C47

 180531

 00011B

 000000

 AB93C8

 AB93C8

 A07FC8

 B6A7C8

 956BC8

 C1BBC8

 8A57C8

 CCCFC8

 7F43C8

 D7E3C8

 742FC8

 E2F7C8

 691BC8

 EDFFC8

 5E07C8

 F8FFC8

 5B00C8

 FFFFC8

# Harmonies

## Analogous

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



849DD3



AB93C8



C78BB2

# Triad

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



AB93C8



C1956A



4AACA4

# Complementary

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



AB93C8



B0C893

# 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.



69AA88



AB93C8



A89E66

# Square

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



AB93C8



D08C7C



8AA671



3FAABF

# Rectangle

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



AB93C8



D1889F



8AA671



54AC9B



# Sweetspot

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



AB93C8



F4EBFF



93B0C8



797380



000000



808080



# Same Dimension

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



AB93C8



D2ADFF



C593C8



5E5A63



4A00A3



100024



# Inverse Universe

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



C893B0



FFADDA



96C893



635A5F



A30059

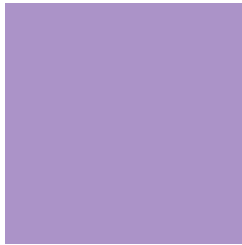


240014



# Previews

## White Background



This preview shows how the Hex color AB93C8 looks on a white background.

## Color Contrast Check

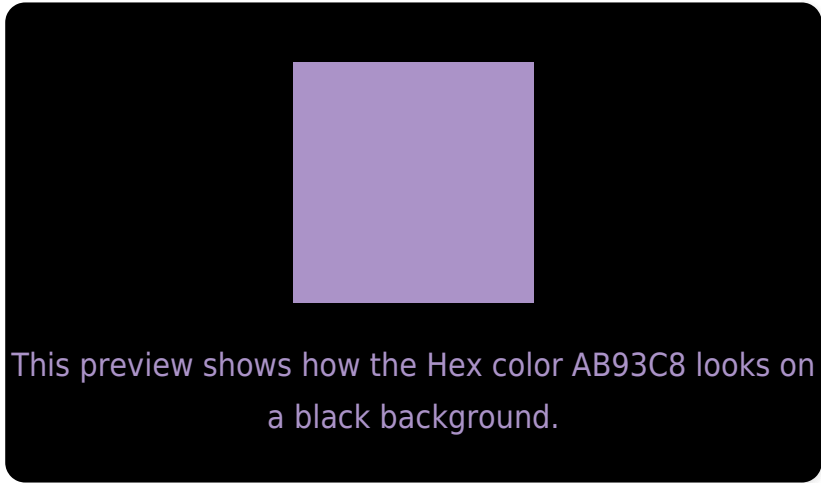
Large Text (above 18pt) WCAG AA × Fail

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

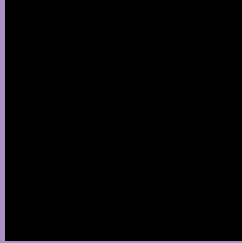
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB93C8 Background



This preview shows how black text looks on a background with the Hex color AB93C8.

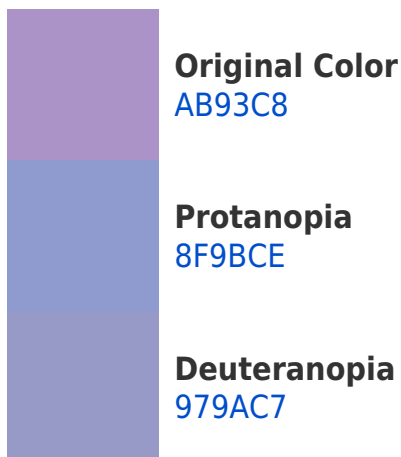


This preview shows how white text looks on a background with the Hex color AB93C8.

# 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](#).

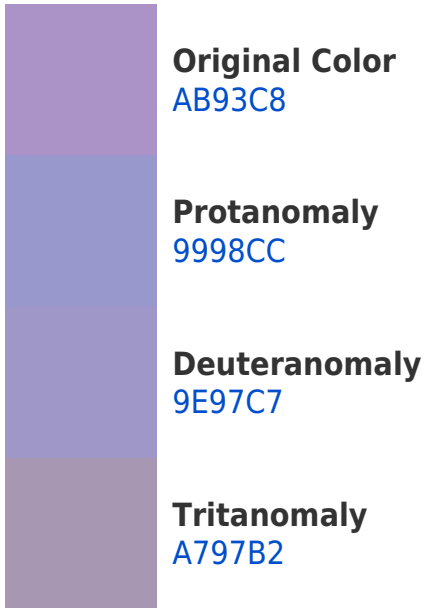
## Dichromacy



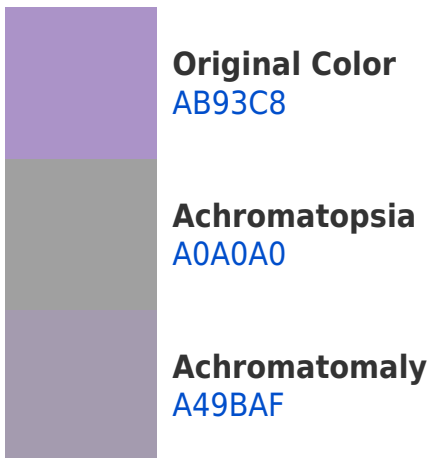


**Tritanopia**  
A599A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB93C8 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 #AB93C8 looks like.

```
.text, #text, p{  
    color:#AB93C8  
}
```

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 #AB93C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB93C8  
}
```

## Border

The CSS property to change the border of an element to Hex AB93C8 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  
#AB93C8 }
```

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

```
.border{ border-color:#AB93C8 }
```

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

Here you see how a box with a 4 pixel #AB93C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB93C8; -webkit-box-shadow:4px 4px  
4px 4px #AB93C8; box-shadow:4px 4px 4px  
4px #AB93C8 }
```

# Background

The CSS property to change the background color of an element to Hex AB93C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB93C8 }
```

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

```
.background{ background-color:#AB93C8 }
```

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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