

# Converting Colors

Hex(AB85AB)

Have a look what the booklet for  
Hex(AB85AB) contains.

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# Color

**Hex(AB85AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB85AB
RGB	171, 133, 171
RGB Percent	67%, 52%, 67%
CMY	0.3294, 0.4784, 0.3294
CMYK	0.00, 0.22, 0.00, 0.33
HSL	300°, 18%, 60%
HSV	300°, 22%, 67%
XYZ	32.5328, 28.3733, 42.2900
YIQ	148.6940, 10.4500, 19.8740

# Conversions

## Conversions Part 2

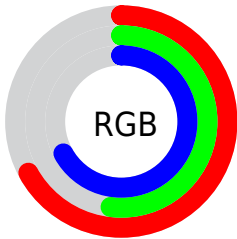
Format	Color
<a href="#">RYB</a>	<a href="#">171, 133, 171</a>
Decimal	<a href="#">11240875</a>
CIELab	<a href="#">60.22, 21.20, -14.50</a>
CIElCh	<a href="#">60, 25.686, 325.629</a>
Yxy	<a href="#">28.3733, 0.3153, 0.2749</a>
Android (android.graphics.Color)	<a href="#">4289430955 (0xFFAB85AB)</a>
YUV	<a href="#">148.6940, 10.9969, 19.5624</a>
Hunter-Lab	<a href="#">53.2666, 15.8032, -9.7856</a>

# Details

The Hex color **AB85AB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85AB85**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E3BAE2**, and **765377** is the 20% darker color. If you saturate the color by 10%, you get **AB74AB**, and if you desaturate by 10%, it is **AB96AB**.

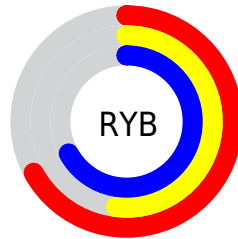
# Distribution



Red (67%)

Green (52%)

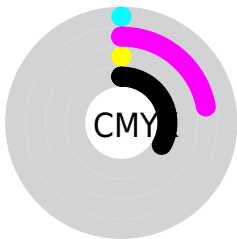
Blue (67%)



Red (67%)

Yellow (52%)

Blue (67%)

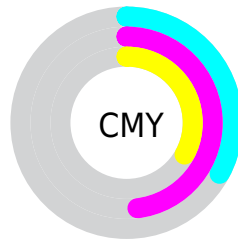


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (48%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB85AB 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 AB85AB by changing the saturation by 10% instead.



 AB85AB

 AB85AB

FFFFFF

 906C90

 E3BAE2

 765377

 FFD6FF

 5D3C5E

 FFF3FF

 452546

 2E1030

 1D001B

 000000

 AB85AB

 AB85AB

 AB74AB

 AB96AB

 AB63AB

 ABA7AB

 AB52AB

 ABB8AB

 AB41AB

 ABC9AB

 AB30AB

 ABDAAB

 AB1EAB

 ABECAB

 AB0DAB

 ABFDAB

 AB00AB

 ABFFAB

# Harmonies

## Analogous

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



908DBA



AB85AB



BB8195

# Triad

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



AB85AB



A48F64



4A9DA4

# Complementary

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



AB85AB



85AB85

# 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.



5A9E8D



AB85AB



8D9668

# Square

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



AB85AB



B6876D



739B77



539AB6

# Rectangle

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



AB85AB



BF8186



739B77



4D9E9D



# Sweetspot

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



AB85AB



DECEDE



8585AB



706770



F0F0F0



707070



# Same Dimension

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



AB85AB



DEA2DE



AB8598



574E57



960096



170017



# Inverse Universe

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



AB85AB



DEA2DE



85AB98



574E57



960096

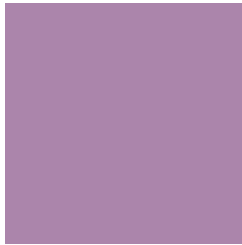


170017



# Previews

## White Background



This preview shows how the Hex color AB85AB looks on a white background.

## Color Contrast Check

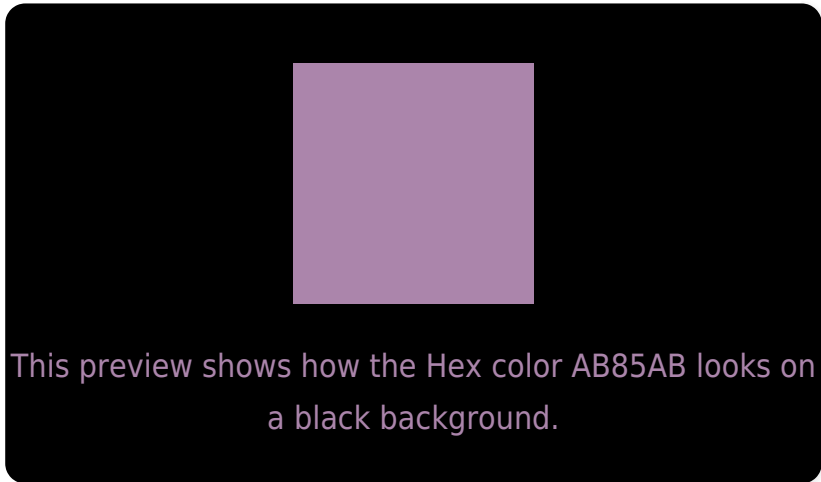
Large Text (above 18pt) WCAG AA ✓ Pass

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

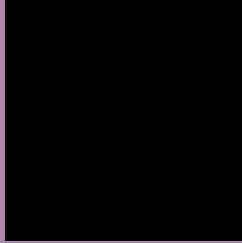
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB85AB Background



This preview shows how black text looks on a background with the Hex color AB85AB.

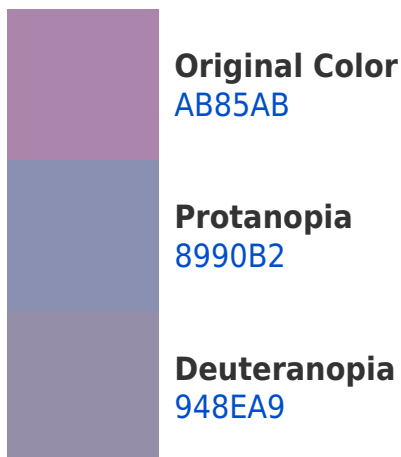


This preview shows how white text looks on a background with the Hex color AB85AB.

# 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](#).

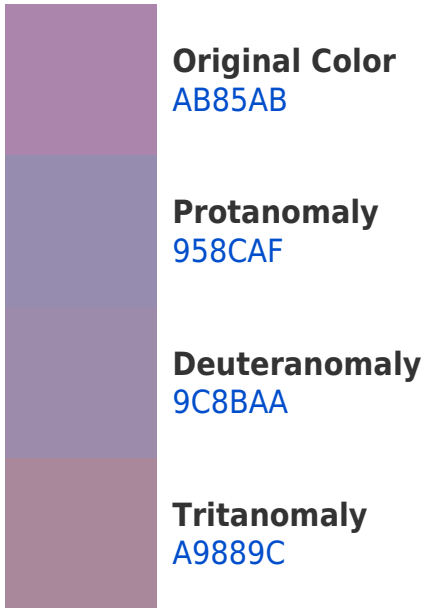
## Dichromacy



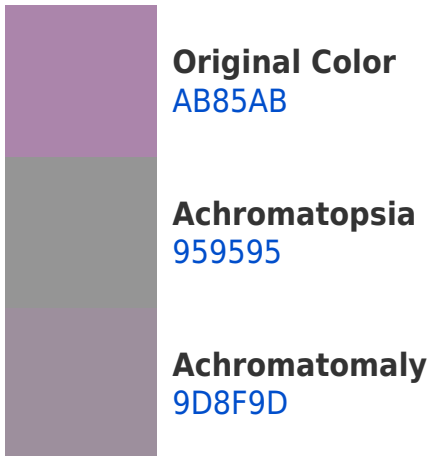


**Tritanopia**  
A88994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB85AB 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 #AB85AB looks like.

```
.text, #text, p{  
    color:#AB85AB  
}
```

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 #AB85AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB85AB
}
```

## Border

The CSS property to change the border of an element to Hex AB85AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

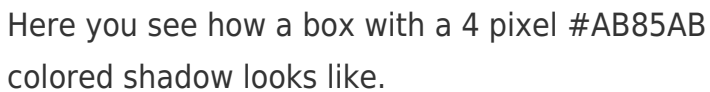
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB85AB }
```

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

```
.border{ border-color:#AB85AB }
```

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



Here you see how a box with a 4 pixel #AB85AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB85AB; -webkit-box-shadow:4px 4px  
4px 4px #AB85AB; box-shadow:4px 4px 4px  
4px #AB85AB }
```

# Background

The CSS property to change the background color of an element to Hex AB85AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB85AB }
```

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

```
.background{ background-color:#AB85AB }
```

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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