

# Converting Colors

Hex(AB68AB)

Have a look what the booklet for  
Hex(AB68AB) contains.

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# Color

**Hex(AB68AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB68AB
RGB	171, 104, 171
RGB Percent	67%, 41%, 67%
CMY	0.3294, 0.5922, 0.3294
CMYK	0.00, 0.39, 0.00, 0.33
HSL	300°, 29%, 54%
HSV	300°, 39%, 67%
XYZ	29.0956, 21.4988, 41.1443
YIQ	131.6710, 18.4250, 35.0410

# Conversions

## Conversions Part 2

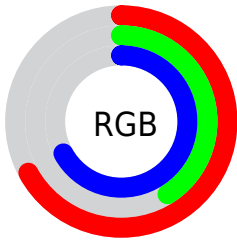
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 104, 171
Decimal	11233451
CIE <sub>Lab</sub>	53.49, 37.45, -24.78
CIE <sub>LCh</sub>	53, 44.903, 326.505
Yxy	21.4988, 0.3172, 0.2343
Android (android.graphics.Color)	4289423531 (0xFFAB68AB)
YUV	131.6710, 19.3892, 34.4915
Hunter-Lab	46.3668, 30.8683, -20.1550

# Details

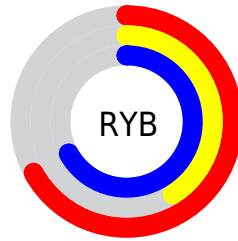
The Hex color **AB68AB** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **68AB68**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E39DE3**, and **753677** is the 20% darker color. If you saturate the color by 10%, you get **AB57AB**, and if you desaturate by 10%, it is **AB79AB**.

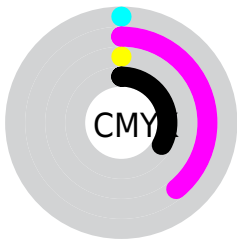
# Distribution



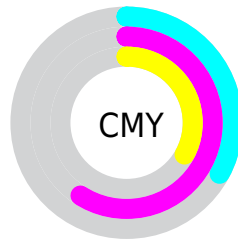
- Red (67%)
- Green (41%)
- Blue (67%)



- Red (67%)
- Yellow (41%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (59%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB68AB 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 AB68AB by changing the saturation by 10% instead.



AB68AB

AB68AB

FFFFFF

904F90

E39DE3

753677

FFB8FF

5B1D5E

FFD4FF

420146

FFF1FF

2C002F

09001A

000000

AB68AB

AB68AB

AB57AB

AB79AB

 AB46AB

 AB8AAB

 AB35AB

 AB9BAB

 AB24AB

 ABACAB

 AB12AB

 ABBDAB

 AB01AB

 ABCFAB

 AB00AB

 ABE0AB

 ABF1AB

 ABFFAB

# Harmonies

## Analogous

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



7A77C5



AB68AB



C45E86

# Triad

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



AB68AB



9A7C2F



0093A1

# Complementary

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



AB68AB



68AB68

# 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.



00937A



AB68AB



748837

# Square

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



AB68AB



B76E40



428F53



008EC0

# Rectangle

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



AB68AB



C85F6C



428F53



009395



# Sweetspot

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



AB68AB



DEC3DE



6868AB



706070



F0F0F0



707070



# Same Dimension

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



AB68AB



DE76DE



AB6889



574E57



960096



170017



# Inverse Universe

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



AB68AB



DE76DE



68AB89



574E57



960096

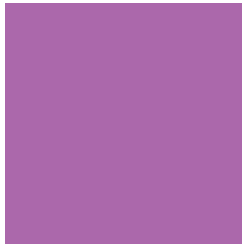


170017



# Previews

## White Background



This preview shows how the Hex color AB68AB looks on a white background.

## Color Contrast Check

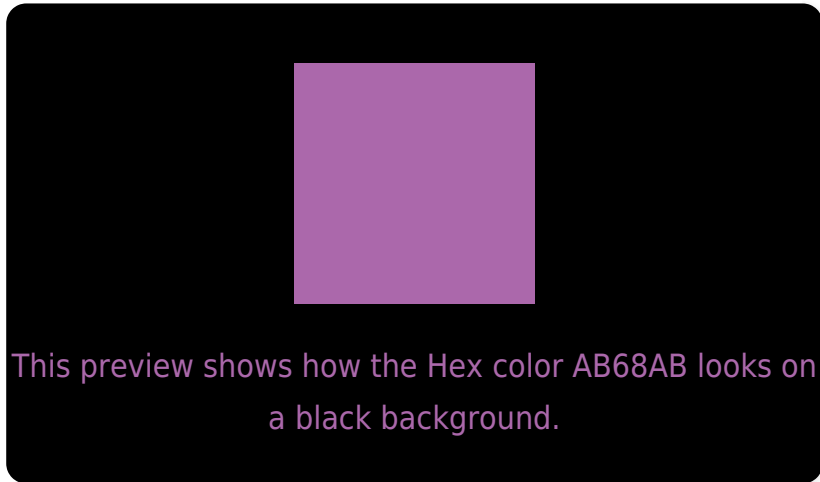
Large Text (above 18pt) WCAG AA ✓ Pass

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

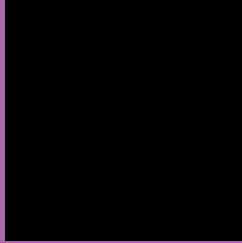
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB68AB Background



This preview shows how black text looks on a background with the Hex color AB68AB.

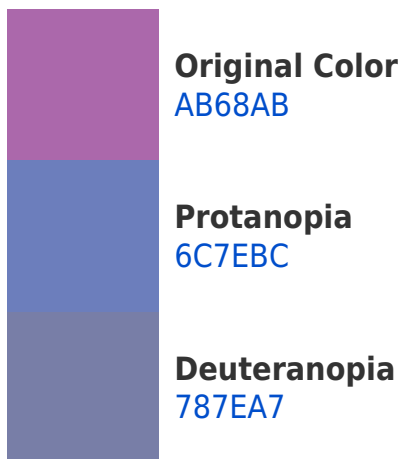


This preview shows how white text looks on a background with the Hex color AB68AB.

# 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**  
A5727B

# Trichromacy



**Original Color**  
AB68AB



**Protanomaly**  
8376B6



**Deuteranomaly**  
8B76A8



**Tritanomaly**  
A76E8C

# Monochromacy



**Original Color**  
AB68AB



**Achromatopsia**  
848484



**Achromatomaly**  
927A92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB68AB 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 #AB68AB looks like.

```
.text, #text, p{  
    color:#AB68AB  
}
```

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 #AB68AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB68AB
}
```

## Border

The CSS property to change the border of an element to Hex AB68AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

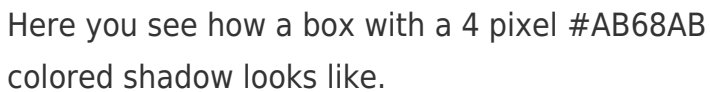
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB68AB }
```

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

```
.border{ border-color:#AB68AB }
```

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



Here you see how a box with a 4 pixel `#AB68AB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB68AB; -webkit-box-shadow:4px 4px  
4px 4px #AB68AB; box-shadow:4px 4px 4px  
4px #AB68AB }
```

# Background

The CSS property to change the background color of an element to Hex AB68AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB68AB }
```

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

```
.background{ background-color:#AB68AB }
```

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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