

# Converting Colors

Hex(AB75AB)

Have a look what the booklet for  
Hex(AB75AB) contains.

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# Color

**Hex(AB75AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB75AB
RGB	171, 117, 171
RGB Percent	67%, 46%, 67%
CMY	0.3294, 0.5412, 0.3294
CMYK	0.00, 0.32, 0.00, 0.33
HSL	300°, 24%, 56%
HSV	300°, 32%, 67%
XYZ	30.5066, 24.3208, 41.6146
YIQ	139.3020, 14.8500, 28.2420

# Conversions

## Conversions Part 2

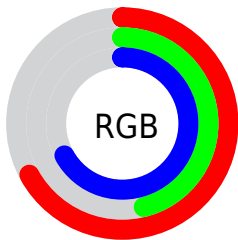
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 117, 171
Decimal	11236779
CIELab	56.41, 30.24, -20.30
CIElCh	56, 36.419, 326.122
Yxy	24.3208, 0.3163, 0.2522
Android (android.graphics.Color)	4289426859 (0xFFAB75AB)
YUV	139.3020, 15.6271, 27.7991
Hunter-Lab	49.3161, 24.1155, -15.5096

# Details

The Hex color **AB75AB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **75AB75**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E3AAE2**, and **764377** is the 20% darker color. If you saturate the color by 10%, you get **AB64AB**, and if you desaturate by 10%, it is **AB86AB**.

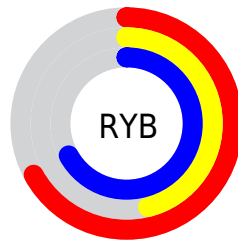
# Distribution



Red (67%)

Green (46%)

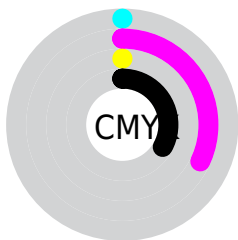
Blue (67%)



Red (67%)

Yellow (46%)

Blue (67%)

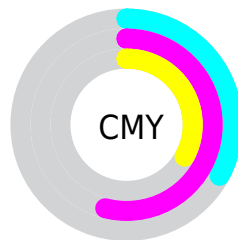


Cyan (0%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB75AB 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 AB75AB by changing the saturation by 10% instead.



 AB75AB

 AB75AB

FFFFFF

 905C90

 E3AAE2

 764377

 FFC5FF

 5C2C5E

 FFE2FF

 441546

FFFEFF

 2C002F

 14001A

 000000

 AB75AB

 AB75AB

 AB64AB

 AB86AB

 AB53AB

 AB97AB

 AB42AB

 ABA8AB

 AB31AB

 ABB9AB

 AB1FAB

 ABCAAB

 AB0EAB

 ABDCAB

 AB00AB

 ABEDAB

 ABFEAB

 ABFFAB

# Harmonies

## Analogous

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



8481C0



AB75AB



C06E8D

# Triad

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



AB75AB



9F8447



0097A2

# Complementary

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



AB75AB



75AB75

# 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.



259882



AB75AB



7F8E4D

# Square

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



AB75AB



B77954



599463



0094BB

# Rectangle

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



AB75AB



C46E77



599463



009898



# Sweetspot

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



AB75AB



DECADE



7575AB



706470



F0F0F0



707070



# Same Dimension

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



AB75AB



DE8ADE



AB7590



574E57



960096



170017



# Inverse Universe

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



AB75AB



DE8ADE



75AB90



574E57



960096

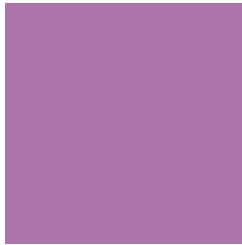


170017



# Previews

## White Background



This preview shows how the Hex color AB75AB looks on a white background.

## Color Contrast Check

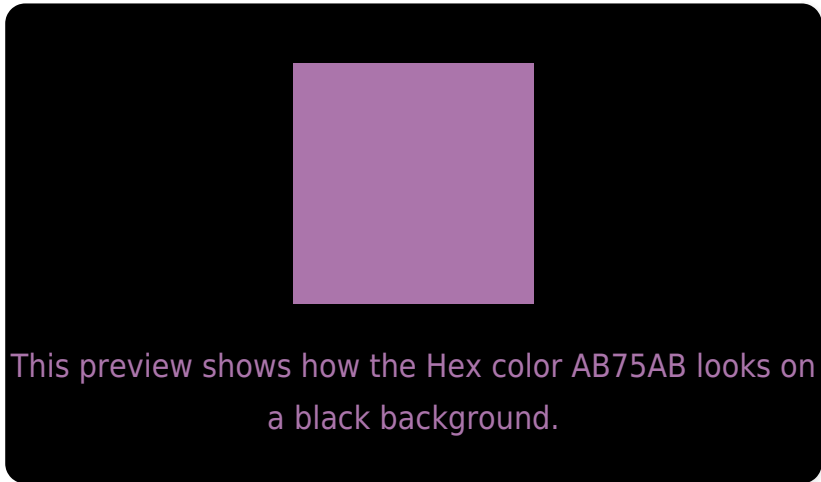
Large Text (above 18pt) WCAG AA ✓ Pass

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

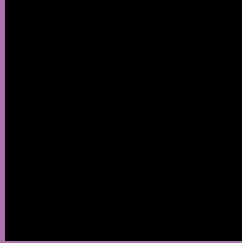
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB75AB Background



This preview shows how black text looks on a background with the Hex color AB75AB.

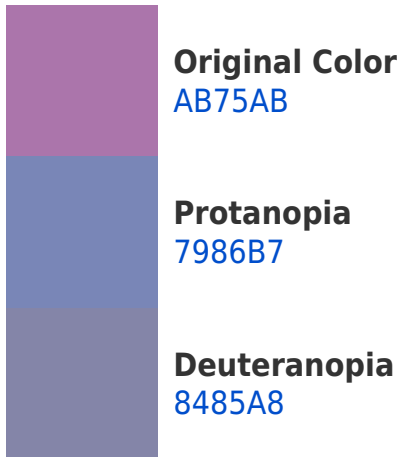



This preview shows how white text looks on a background with the Hex color AB75AB.

# 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**  
A67C86

# Trichromacy



**Original Color**  
AB75AB

**Protanomaly**  
8B80B3

**Deuteranomaly**  
927FA9

**Tritanomaly**  
A87993

# Monochromacy



**Original Color**  
AB75AB

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
978397

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB75AB 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 #AB75AB looks like.

```
.text, #text, p{  
    color:#AB75AB  
}
```

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 #AB75AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB75AB
}
```

## Border

The CSS property to change the border of an element to Hex AB75AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

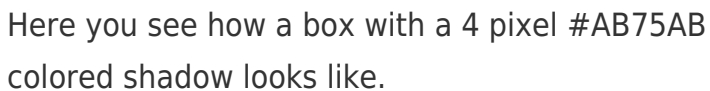
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB75AB }
```

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

```
.border{ border-color:#AB75AB }
```

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



Here you see how a box with a 4 pixel #AB75AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB75AB; -webkit-box-shadow:4px 4px  
4px 4px #AB75AB; box-shadow:4px 4px 4px  
4px #AB75AB }
```

# Background

The CSS property to change the background color of an element to Hex AB75AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB75AB }
```

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

```
.background{ background-color:#AB75AB }
```

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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