

Converting Colors

Hex(AB67AB)

Have a look what the booklet for
Hex(AB67AB) contains.

Hex(AB67AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AB67AB)

Conversions

Conversions Part 1

Format	Color
Hex	AB67AB
RGB	171, 103, 171
RGB Percent	67%, 40%, 67%
CMY	0.3294, 0.5961, 0.3294
CMYK	0.00, 0.40, 0.00, 0.33
HSL	300°, 29%, 54%
HSV	300°, 40%, 67%
XYZ	28.9955, 21.2987, 41.1109
YIQ	131.0840, 18.7000, 35.5640

Conversions

Conversions Part 2

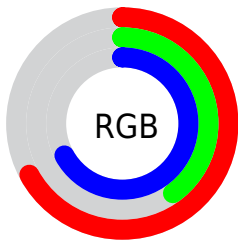
Format	Color
R _{YB}	171, 103, 171
Decimal	11233195
CIE _{Lab}	53.27, 37.99, -25.11
CIE _{LCh}	53, 45.542, 326.533
Yxy	21.2987, 0.3172, 0.2330
Android (android.graphics.Color)	4289423275 (0xFFAB67AB)
YUV	131.0840, 19.6786, 35.0063
Hunter-Lab	46.1505, 31.3849, -20.5102

Details

The Hex color **AB67AB** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67AB67**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E49CE3**, and **753577** is the 20% darker color. If you saturate the color by 10%, you get **AB56AB**, and if you desaturate by 10%, it is **AB78AB**.

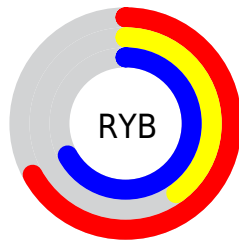
Distribution



Red (67%)

Green (40%)

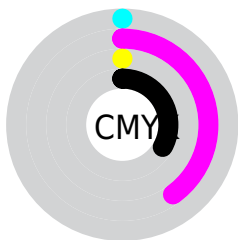
Blue (67%)



Red (67%)

Yellow (40%)

Blue (67%)

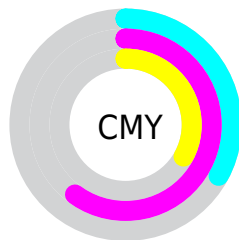


Cyan (0%)

Magenta (40%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (60%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB67AB 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 AB67AB by changing the saturation by 10% instead.

 AB67AB

 AB67AB

FFFFFF

 904E90

 E49CE3

 753577

 FFB7FF

 5B1C5E

 FFD3FF

 420046

 FFF0FF

 2C002F

 08001A

 000000

 AB67AB

 AB67AB

 AB56AB

 AB78AB

 AB45AB

 AB89AB

 AB34AB

 AB9AAB

 AB23AB

 ABABAB

 AB11AB

 ABBCAB

 AB00AB

 ABCEAB

 ABDFAB

 ABF0AB

 ABFFAB

Harmonies

Analogous

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



7A77C6



AB67AB



C45D85

Triad

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



AB67AB



997C2D



0092A1

Complementary

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



AB67AB



67AB67

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.



009279



AB67AB



738735

Square

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



AB67AB



B76D3E



408F52



008ECO

Rectangle

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



AB67AB



C85E6B



408F52



009394

Sweetspot

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



AB67AB



DEC3DE



6767AB



706070



F0F0F0



707070

Same Dimension

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



AB67AB



DE73DE



AB6789



574E57



960096



170017

Inverse Universe

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



AB67AB



DE73DE



67AB89



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color AB67AB looks on a white background.

Color Contrast Check

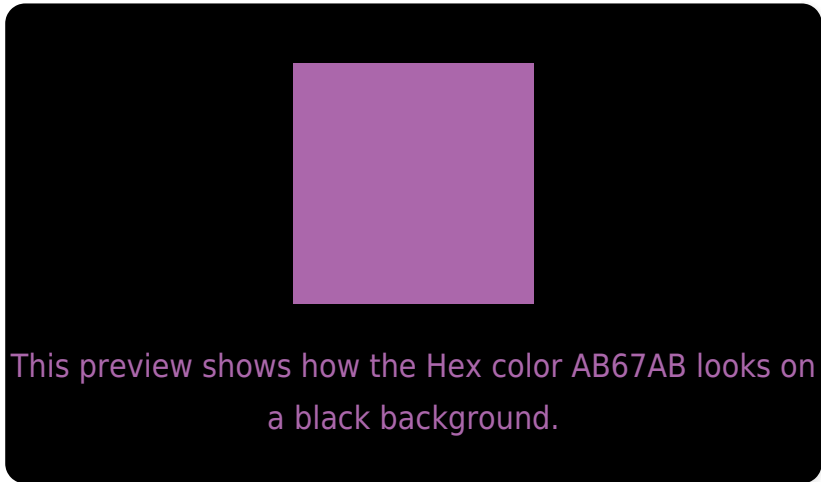
Large Text (above 18pt) WCAG AA ✓ Pass

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

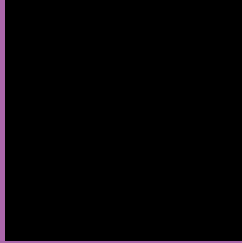
Any Text WCAG AA ✓ Pass

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 AB67AB Background



This preview shows how black text looks on a background with the Hex color AB67AB.

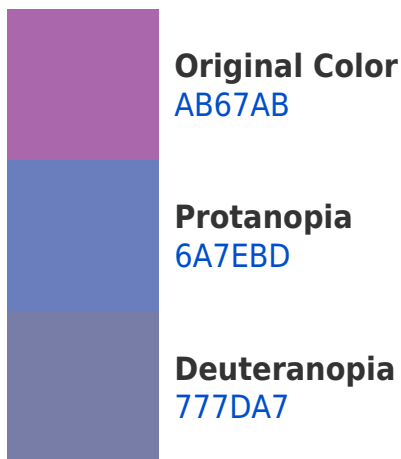


This preview shows how white text looks on a background with the Hex color AB67AB.

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
A5717A

Trichromacy



Original Color
AB67AB

Protanomaly
8276B6

Deuteranomaly
8A75A8

Tritanomaly
A76D8C

Monochromacy



Original Color
AB67AB

Achromatopsia
838383

Achromatomaly
927992

CSS Examples

Text

The CSS property to change the color of the text to Hex AB67AB 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 #AB67AB looks like.

```
.text, #text, p{  
    color:#AB67AB  
}
```

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 #AB67AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB67AB
}
```

Border

The CSS property to change the border of an element to Hex AB67AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

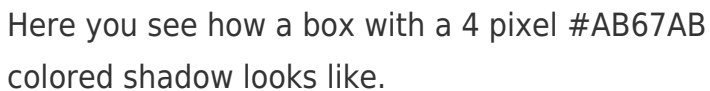
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB67AB }
```

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

```
.border{ border-color:#AB67AB }
```

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



Here you see how a box with a 4 pixel `#AB67AB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB67AB; -webkit-box-shadow:4px 4px  
4px 4px #AB67AB; box-shadow:4px 4px 4px  
4px #AB67AB }
```

Background

The CSS property to change the background color of an element to Hex AB67AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB67AB }
```

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

```
.background{ background-color:#AB67AB }
```

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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