

Converting Colors

Hex(AB68AA)

Have a look what the booklet for
Hex(AB68AA) contains.

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Color

Hex(AB68AA)

Conversions

Conversions Part 1

Format	Color
Hex	AB68AA
RGB	171, 104, 170
RGB Percent	67%, 41%, 67%
CMY	0.3294, 0.5922, 0.3333
CMYK	0.00, 0.39, 0.01, 0.33
HSL	301°, 29%, 54%
HSV	301°, 39%, 67%
XYZ	29.0006, 21.4608, 40.6441
YIQ	131.5570, 18.7460, 34.7300

Conversions

Conversions Part 2

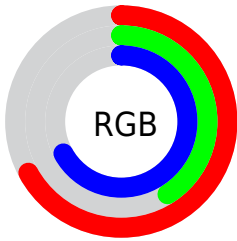
Format	Color
R_{YB}	171, 104, 170
Decimal	11233450
CIE _{Lab}	53.45, 37.26, -24.26
CIE _{LCh}	53, 44.459, 326.925
Yxy	21.4608, 0.3183, 0.2356
Android (android.graphics.Color)	4289423530 (0xFFAB68AA)
YUV	131.5570, 18.9524, 34.5915
Hunter-Lab	46.3258, 30.6732, -19.5901

Details

The Hex color **AB68AA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **68AB69**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E39DE1**, and **753676** is the 20% darker color. If you saturate the color by 10%, you get **AB57AA**, and if you desaturate by 10%, it is **AB79AA**.

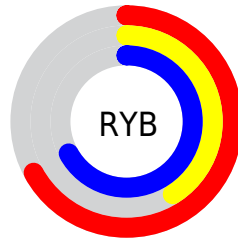
Distribution



Red (67%)

Green (41%)

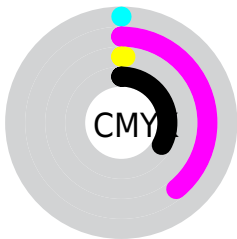
Blue (67%)



Red (67%)

Yellow (41%)

Blue (67%)

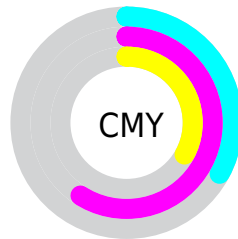


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (59%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB68AA 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 AB68AA by changing the saturation by 10% instead.

 AB68AA

 AB68AA

FFFFFF

 904F8F

 E39DE1

 753676

 FFB8FE

 5B1D5D

 FFD4FF

 420245

 FFF1FF

 2C002E

 090019

 000000

 AB68AA

 AB68AA

 AB57AA

 AB79AA

 AB46A9

 AB8AAB

 AB35A9

 AB9BAB

 AB24A9

 ABACAB

 AB12A9

 ABBDAB

 AB01A8

 ABCFAC

 AB00A8

 ABE0AC

 ABF1AC

 ABFFAC

Harmonies

Analogous

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



7B77C4



AB68AA



C35F85

Triad

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



AB68AA



997C30



0092A1

Complementary

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



AB68AA



68AB69

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.



00927A



AB68AA



738838

Square

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



AB68AA



B66E40



428F54



008EBF

Rectangle

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



AB68AA



C75F6B



428F54



009395

Sweetspot

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



AB68AA



DEC3DD



6868AB



706070



F0F0F0



707070

Same Dimension

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



AB68AA



DE76DC



AB6889



574E57



960094



170017

Inverse Universe

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



AB68AA



DE76DC



68AB89



574E57



960094



170017

Previews

White Background



This preview shows how the Hex color AB68AA looks on a white background.

Color Contrast Check

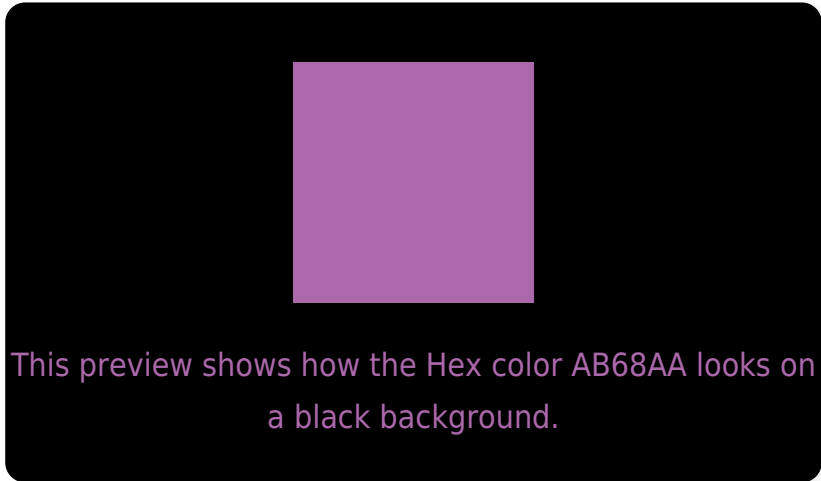
Large Text (above 18pt) WCAG AA ✓ Pass

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

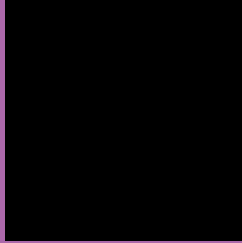
Any Text WCAG AA ✓ Pass

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 AB68AA Background



This preview shows how black text looks on a background with the Hex color AB68AA.

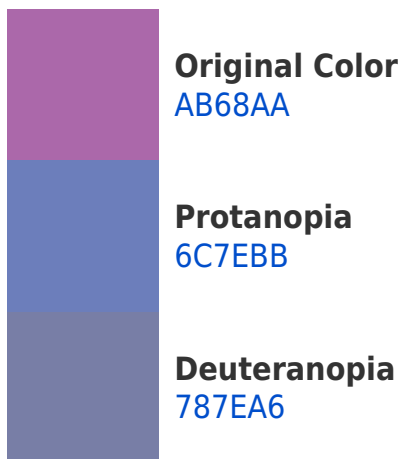


This preview shows how white text looks on a background with the Hex color AB68AA.

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](#).

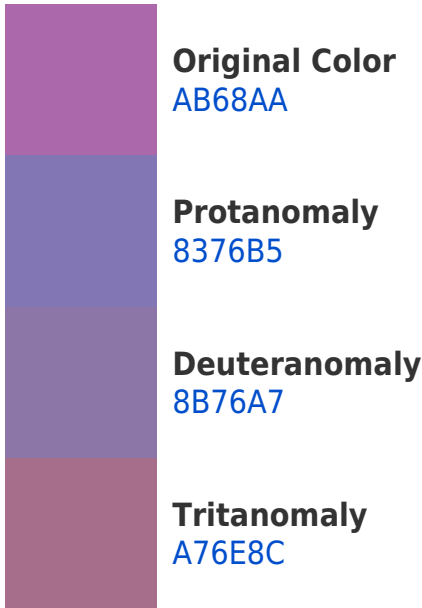
Dichromacy



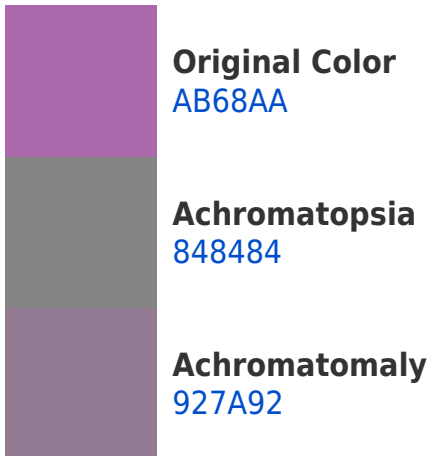


Tritanopia
A5727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB68AA 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 #AB68AA looks like.

```
.text, #text, p{  
    color:#AB68AA  
}
```

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 #AB68AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB68AA
}
```

Border

The CSS property to change the border of an element to Hex AB68AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

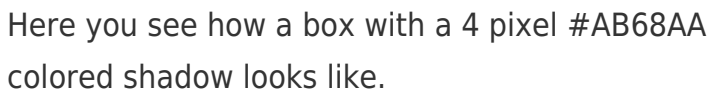
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB68AA }
```

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

```
.border{ border-color:#AB68AA }
```

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



Here you see how a box with a 4 pixel #AB68AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB68AA; -webkit-box-shadow:4px 4px  
4px 4px #AB68AA; box-shadow:4px 4px 4px  
4px #AB68AA }
```

Background

The CSS property to change the background color of an element to Hex AB68AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB68AA }
```

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

```
.background{ background-color:#AB68AA }
```

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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