

Converting Colors

Hex(B68AA4)

Have a look what the booklet for
Hex(B68AA4) contains.

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Color

Hex(B68AA4)

Conversions

Conversions Part 1

Format	Color
Hex	B68AA4
RGB	182, 138, 164
RGB Percent	71%, 54%, 64%
CMY	0.2863, 0.4588, 0.3569
CMYK	0.00, 0.24, 0.10, 0.29
HSL	325°, 23%, 63%
HSV	325°, 24%, 71%
XYZ	35.0807, 30.8024, 39.2185
YIQ	154.1200, 17.8780, 17.4140

Conversions

Conversions Part 2

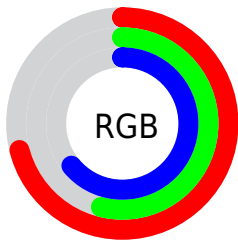
Format	Color
R_{YB}	182, 138, 164
Decimal	11963044
CIE Lab	62.34, 20.98, -7.23
CIE LCh	62, 22.194, 340.986
Yxy	30.8024, 0.3338, 0.2931
Android (android.graphics.Color)	4290153124 (0xFFB68AA4)
YUV	154.1200, 4.8708, 24.4508
Hunter-Lab	55.4999, 15.7026, -3.0468

Details

The Hex color **B68AA4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8AB69C**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **EEC0DB**, and **815870** is the 20% darker color. If you saturate the color by 10%, you get **B6789D**, and if you desaturate by 10%, it is **B69CAB**.

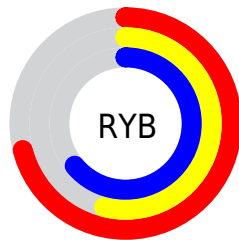
Distribution



Red (71%)

Green (54%)

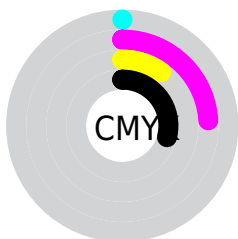
Blue (64%)



Red (71%)

Yellow (54%)

Blue (64%)

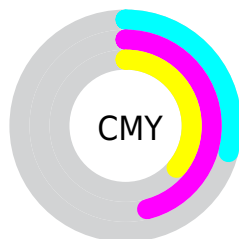


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (46%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B68AA4 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 B68AA4 by changing the saturation by 10% instead.



B68AA4



B68AA4

FFFFFF



9B708A



EEC0DB



815870



FFDCF7



674058



FFF8FF



4E2941



37132B



230016



000000



B68AA4



B68AA4



B6789D



B69CAB

 B66695

 B6AEB3

 B6538E

 B6C1BA

 B64186

 B6D3C2

 B62F7F

 B6E5C9


 B61D77

 B6F7D1

 B60B70

 B6FFD8

 B6006C

 B6FFE0

 B6FFE7

Harmonies

Analogous

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



A38FB4



B68AA4



BF8990

Triad

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



B68AA4



9E9870



5FA0B0

Complementary

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



B68AA4



8AB69C

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.



61A29D



B68AA4



889D79

Square

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



B68AA4



B09172



72A189



6F9CBB

Rectangle

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



B68AA4



BE8A83



72A189



5DA1AA

Sweetspot

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



B68AA4



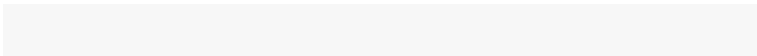
EDDDE6



9C8AB6



786E74



F7F7F7



787878

Same Dimension

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



B68AA4



EDA8D1



B68A8E



5C5358



9C005C



1C0011

Inverse Universe

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



B68AA4



EDA8D1



8AB6B2



5C5358



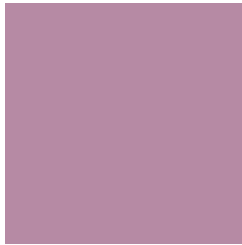
9C005C



1C0011

Previews

White Background



This preview shows how the Hex color B68AA4 looks on a white background.

Color Contrast Check

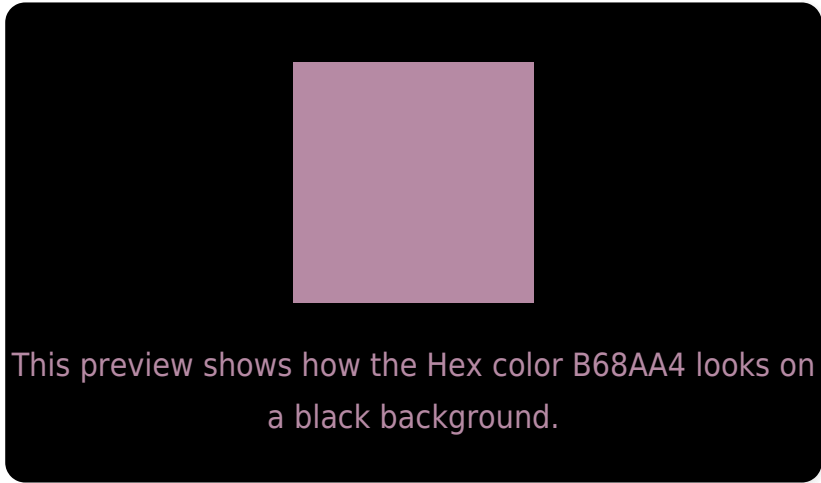
Large Text (above 18pt) WCAG AA × Fail

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

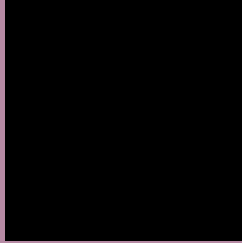
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex B68AA4 Background



This preview shows how black text looks on a background with the Hex color B68AA4.



This preview shows how white text looks on a background with the Hex color B68AA4.

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



Original Color
B68AA4

Protanopia
9496AB

Deuteranopia
A093A2



Tritanopia
B48C97

Trichromacy



Original Color
B68AA4

Protanomaly
A092A8

Deuteranomaly
A890A3

Tritanomaly
B58B9C

Monochromacy



Original Color
B68AA4

Achromatopsia
9A9A9A

Achromatomaly
A4949E

CSS Examples

Text

The CSS property to change the color of the text to Hex B68AA4 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 #B68AA4 looks like.

```
.text, #text, p{  
    color:#B68AA4  
}
```

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 #B68AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B68AA4
}
```

Border

The CSS property to change the border of an element to Hex B68AA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

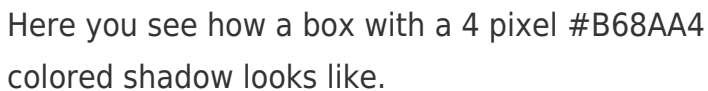
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B68AA4 }
```

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

```
.border{ border-color:#B68AA4 }
```

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



Here you see how a box with a 4 pixel #B68AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B68AA4; -webkit-box-shadow:4px 4px  
4px 4px #B68AA4; box-shadow:4px 4px 4px  
4px #B68AA4 }
```

Background

The CSS property to change the background color of an element to Hex B68AA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B68AA4 }
```

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

```
.background{ background-color:#B68AA4 }
```

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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