

Converting Colors

Hex(B68EC7)

Have a look what the booklet for
Hex(B68EC7) contains.

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Color

Hex(B68EC7)

Conversions

Conversions Part 1

Format	Color
Hex	B68EC7
RGB	182, 142, 199
RGB Percent	71%, 56%, 78%
CMY	0.2863, 0.4431, 0.2196
CMYK	0.09, 0.29, 0.00, 0.22
HSL	282°, 34%, 67%
HSV	282°, 29%, 78%
XYZ	39.2732, 33.4146, 58.4126
YIQ	160.4580, 5.5430, 26.2070

Conversions

Conversions Part 2

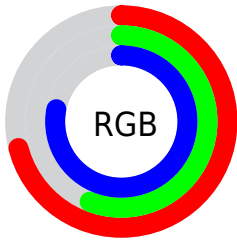
Format	Color
R _Y B	182, 142, 199
Decimal	11964103
CIE Lab	64.50, 25.45, -23.72
CIE LCh	64, 34.792, 317.008
Yxy	33.4146, 0.2996, 0.2549
Android (android.graphics.Color)	4290154183 (0xFFB68EC7)
YUV	160.4580, 19.0012, 18.8923
Hunter-Lab	57.8054, 20.1142, -19.4490

Details

The Hex color **B68EC7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9FC78E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **EEC4FF**, and **805B91** is the 20% darker color. If you saturate the color by 10%, you get **B07AC7**, and if you desaturate by 10%, it is **BCA2C7**.

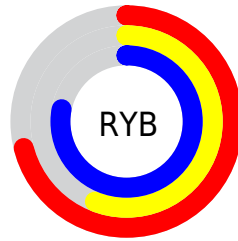
Distribution



Red (71%)

Green (56%)

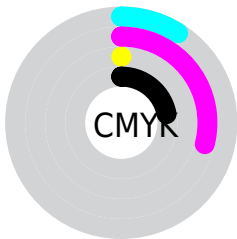
Blue (78%)



Red (71%)

Yellow (56%)

Blue (78%)

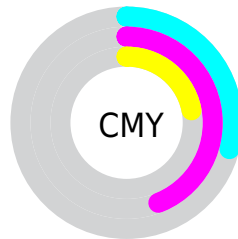


Cyan (9%)

Magenta (29%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B68EC7 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 B68EC7 by changing the saturation by 10% instead.

 B68EC7

 B68EC7

FFFFFF

 9B74AC

 EEC4FF

 805B91

 FFE0FF

 674377

 FFFDFD

 4E2C5E

 361646

 200030

 00001A

 000000

 B68EC7

 B68EC7

 B07AC7

 BCA2C7

 AA66C7

 C2B6C7

 A452C7

 C8CAC7

 9E3EC7

 CEDEC7

 982BC7

 D4F2C7

 9217C7

 DAFFC7

 8C03C7

 E0FFC7

 8C00C7

 E5FFC7

 EBFFC7

Harmonies

Analogous

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



8C99D8



B68EC7



D086AB

Triad

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



B68EC7



BD9660



29ADAD

Complementary

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



B68EC7



9FC78E

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.



55AC8D



B68EC7



9FA060

Square

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



B68EC7



D28B70



7CA871



24AAC9

Rectangle

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



B68EC7



D88496



7CA871



38ADA3

Sweetspot

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



B68EC7



F8E8FF



8E9FC7



7B7180



000000



808080

Same Dimension

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



B68EC7



E5A8FF



C78EBC



605A63



7300A3



190024

Inverse Universe

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



C78E9F



FFA8C2



8EC799



635A5C



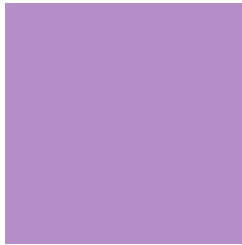
A30031



24000B

Previews

White Background



This preview shows how the Hex color B68EC7 looks on a white background.

Color Contrast Check

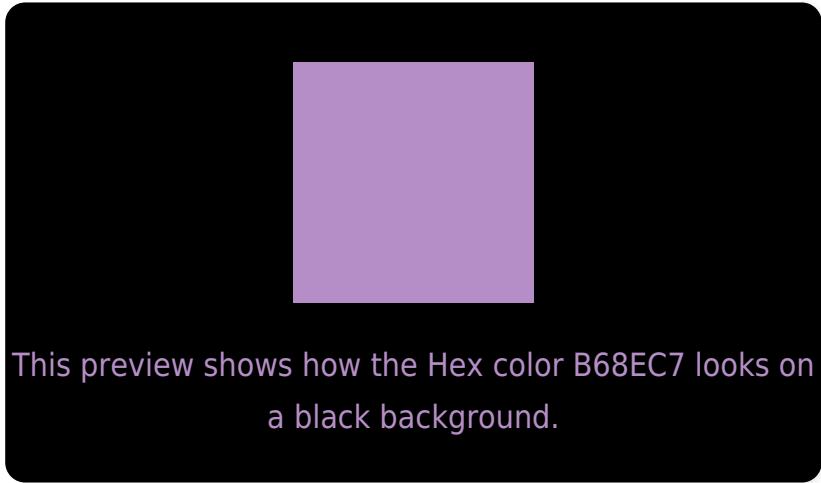
Large Text (above 18pt) WCAG AA × Fail

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

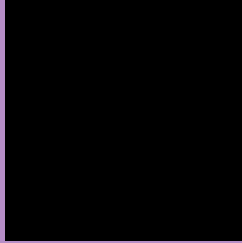
Any Text WCAG AA ✓ Pass

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 B68EC7 Background



This preview shows how black text looks on a background with the Hex color B68EC7.

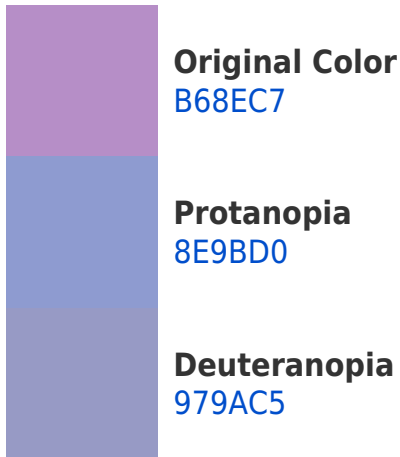


This preview shows how white text looks on a background with the Hex color B68EC7.

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](#).

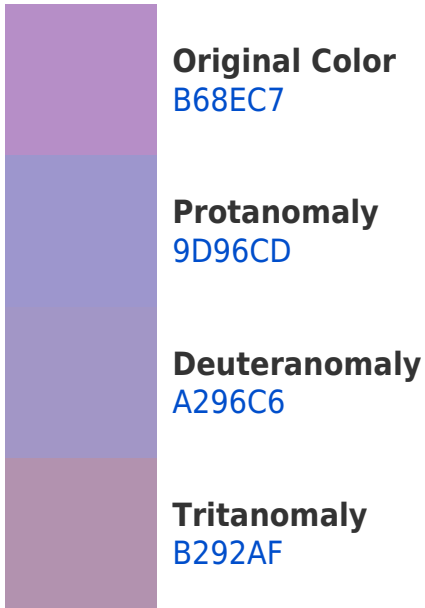
Dichromacy



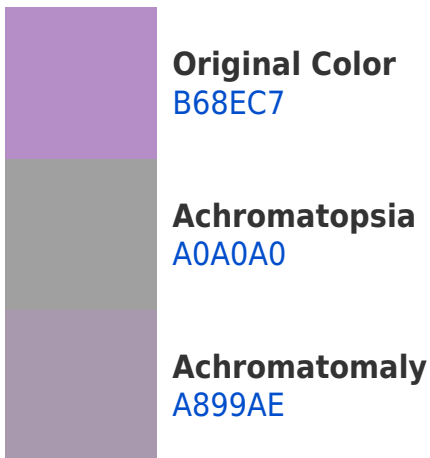


Tritanopia
B095A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B68EC7 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 #B68EC7 looks like.

```
.text, #text, p{  
    color:#B68EC7  
}
```

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 #B68EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B68EC7
}
```

Border

The CSS property to change the border of an element to Hex B68EC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

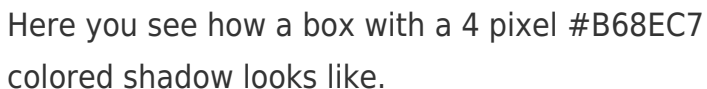
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B68EC7 }
```

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

```
.border{ border-color:#B68EC7 }
```

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



Here you see how a box with a 4 pixel #B68EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B68EC7; -webkit-box-shadow:4px 4px  
4px 4px #B68EC7; box-shadow:4px 4px 4px  
4px #B68EC7 }
```

Background

The CSS property to change the background color of an element to Hex B68EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B68EC7 }
```

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

```
.background{ background-color:#B68EC7 }
```

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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