

Converting Colors

Hex(B7669C)

Have a look what the booklet for
Hex(B7669C) contains.

Hex(B7669C)	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(B7669C)

Conversions

Conversions Part 1

Format	Color
Hex	B7669C
RGB	183, 102, 156
RGB Percent	72%, 40%, 61%
CMY	0.2824, 0.6000, 0.3882
CMYK	0.00, 0.44, 0.15, 0.28
HSL	320°, 36%, 56%
HSV	320°, 44%, 72%
XYZ	30.2806, 21.9703, 34.0972
YIQ	132.3750, 30.9420, 33.9660

Conversions

Conversions Part 2

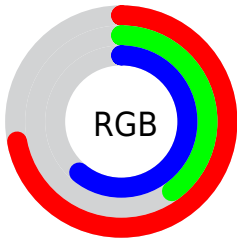
Format	Color
RYB	183, 102, 156
Decimal	12019356
CIELab	54.00, 39.79, -15.13
CIElCh	54, 42.567, 339.174
Yxy	21.9703, 0.3507, 0.2544
Android (android.graphics.Color)	4290209436 (0xFFB7669C)
YUV	132.3750, 11.6471, 44.3981
Hunter-Lab	46.8725, 33.2876, -10.3195

Details

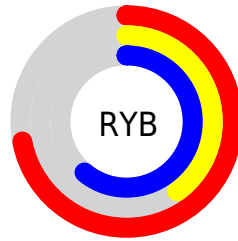
The Hex color **B7669C** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **66B781**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F09BD3**, and **803369** is the 20% darker color. If you saturate the color by 10%, you get **B75496**, and if you desaturate by 10%, it is **B778A2**.

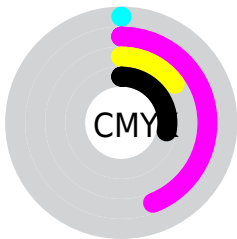
Distribution



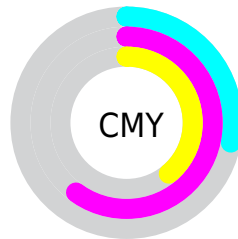
- Red (72%)
- Green (40%)
- Blue (61%)



- Red (72%)
- Yellow (40%)
- Blue (61%)



- Cyan (0%)
- Magenta (44%)
- Yellow (15%)
- Black (28%)



- Cyan (28%)
- Magenta (60%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7669C 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 B7669C by changing the saturation by 10% instead.

 B7669C

 B7669C

FFFFFF

 9B4C82

 F09BD3

 803369

 FFB6EF

 661950

 FFD3FF

 4C0039

 FFEFFF

 340024

 18000C

 000000

 B7669C

 B7669C

 B75496

 B778A2

 B74190

 B78BA8

 B72F8A

 B79DAE

 B71D84

 B7AFB4

 B70B7E

 B7C2BB

 B7007A

 B7D4C1

 B7E6C7

 B7F8CD

 B7FFD3

Harmonies

Analogous

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



9373BA



B7669C



C66277

Triad

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



B7669C



8C8335



0092AE

Complementary

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



B7669C



66B781

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.



00948C



B7669C



648C46

Square

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



B7669C



AC763C



2C9266



008CC5

Rectangle

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



B7669C



C4655F



2C9266



0093A4

Sweetspot

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



B7669C



EDCEE3



8166B7



786571



F7F7F7



787878

Same Dimension

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



B7669C



ED6FC3



B76674



5C5359



9C0068



1C0013

Inverse Universe

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



B7669C



ED6FC3



66B7AA



5C5359



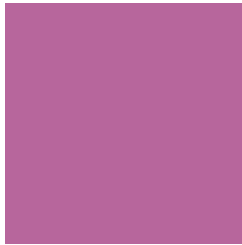
9C0068



1C0013

Previews

White Background



This preview shows how the Hex color B7669C looks on a white background.

Color Contrast Check

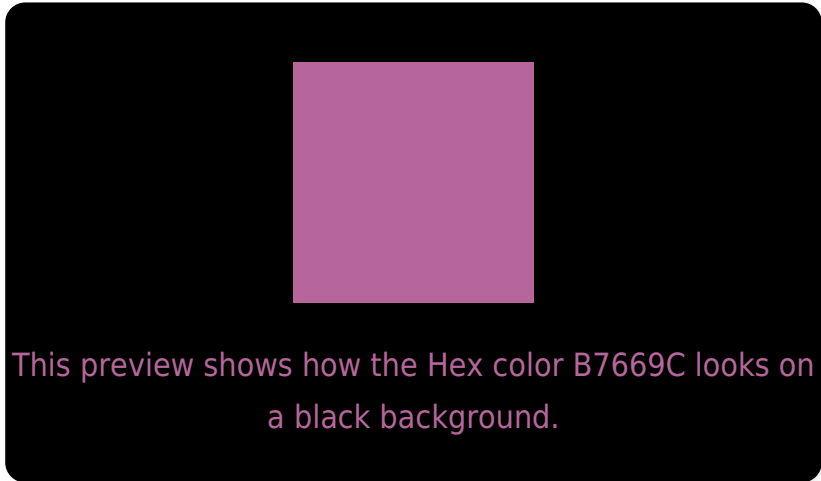
Large Text (above 18pt) WCAG AA ✓ Pass

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

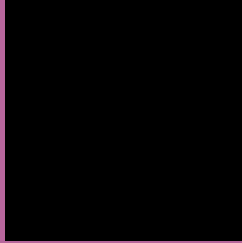
Any Text WCAG AA ✓ Pass

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 B7669C Background



This preview shows how black text looks on a background with the Hex color B7669C.



This preview shows how white text looks on a background with the Hex color B7669C.

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
B7669C

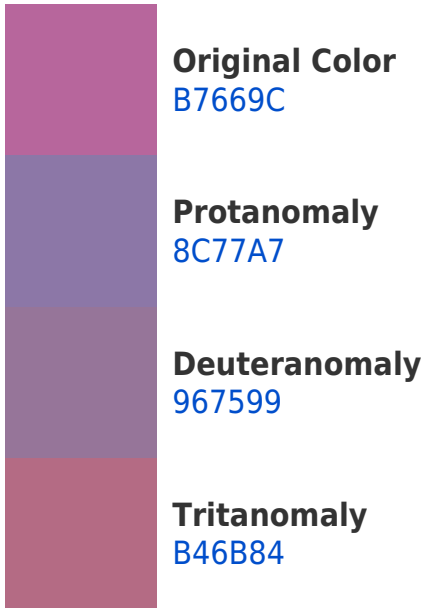
Protanopia
7480AE

Deuteranopia
837E98



Tritanopia
B36E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7669C 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 #B7669C looks like.

```
.text, #text, p{  
    color:#B7669C  
}
```

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 #B7669C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7669C
}
```

Border

The CSS property to change the border of an element to Hex B7669C is called "border". The border property can be set on classes, ids or directly on the HTML element.

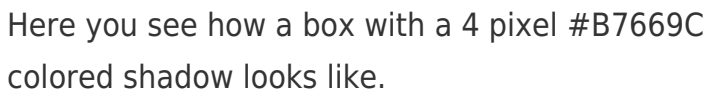
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7669C }
```

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

```
.border{ border-color:#B7669C }
```

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



Here you see how a box with a 4 pixel #B7669C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7669C; -webkit-box-shadow:4px 4px  
4px 4px #B7669C; box-shadow:4px 4px 4px  
4px #B7669C }
```

Background

The CSS property to change the background color of an element to Hex B7669C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7669C }
```

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

```
.background{ background-color:#B7669C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor