

Converting Colors

Hex(B768B5)

Have a look what the booklet for
Hex(B768B5) contains.

Hex(B768B5)	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(B768B5)

Conversions

Conversions Part 1

Format	Color
Hex	B768B5
RGB	183, 104, 181
RGB Percent	72%, 41%, 71%
CMY	0.2824, 0.5922, 0.2902
CMYK	0.00, 0.43, 0.01, 0.28
HSL	302°, 35%, 56%
HSV	302°, 43%, 72%
XYZ	32.8192, 23.3041, 46.4844
YIQ	136.3990, 22.3670, 40.6950

Conversions

Conversions Part 2

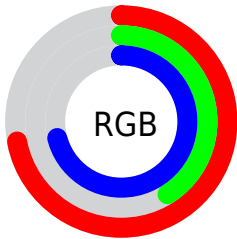
Format	Color
RYB	183, 104, 181
Decimal	12019893
CIELab	55.38, 43.09, -27.52
CIELCh	55, 51.127, 327.435
Yxy	23.3041, 0.3199, 0.2271
Android (android.graphics.Color)	4290209973 (0xFFB768B5)
YUV	136.3990, 21.9883, 40.8691
Hunter-Lab	48.2743, 36.8729, -23.2997

Details

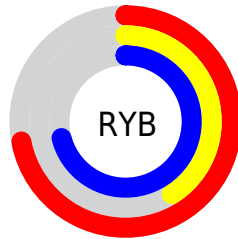
The Hex color **B768B5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **68B76A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F09DED**, and **803580** is the 20% darker color. If you saturate the color by 10%, you get **B756B5**, and if you desaturate by 10%, it is **B77AB5**.

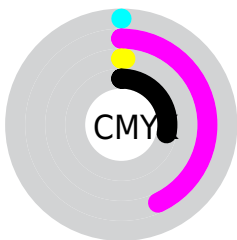
Distribution



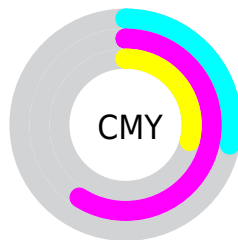
- Red (72%)
- Green (41%)
- Blue (71%)



- Red (72%)
- Yellow (41%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (1%)
- Black (28%)



- Cyan (28%)
- Magenta (59%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B768B5 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 B768B5 by changing the saturation by 10% instead.

 B768B5

 B768B5

FFFFFF

 9B4E9A

 F09DED

 803580

 FFB9FF

 661A67

 FFD5FF

 4C004E

 FFF2FF

 330037

 1B0021

 000006

 000000

 B768B5

 B768B5

 B756B5

 B77AB5

 B743B4

 B78DB6

 B731B4

 B79FB6

 B71FB3

 B7B1B7

 B70CB3

 B7C3B7

 B700B2

 B7D6B8

 B7E8B8

 B7FAB9

 B7FFB9

Harmonies

Analogous

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



7F7BD4



B768B5



D25C8A

Triad

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



B768B5



A08125



009AAC

Complementary

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



B768B5



68B76A

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.



009A7F



B768B5



748E30

Square

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



B768B5



C1703A



389653



0095CF

Rectangle

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



B768B5



D65D6D



389653



009A9E

Sweetspot

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



B768B5



EDCEEC



6968B7



786577



F7F7F7



787878

Same Dimension

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



B768B5



ED72EA



B7688E



5C535C



9C0098



1C001B

Inverse Universe

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



B768B5



ED72EA



68B791



5C535C



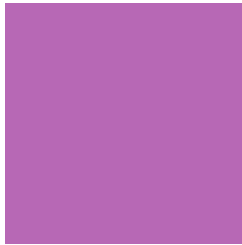
9C0098



1C001B

Previews

White Background



This preview shows how the Hex color B768B5 looks on a white background.

Color Contrast Check

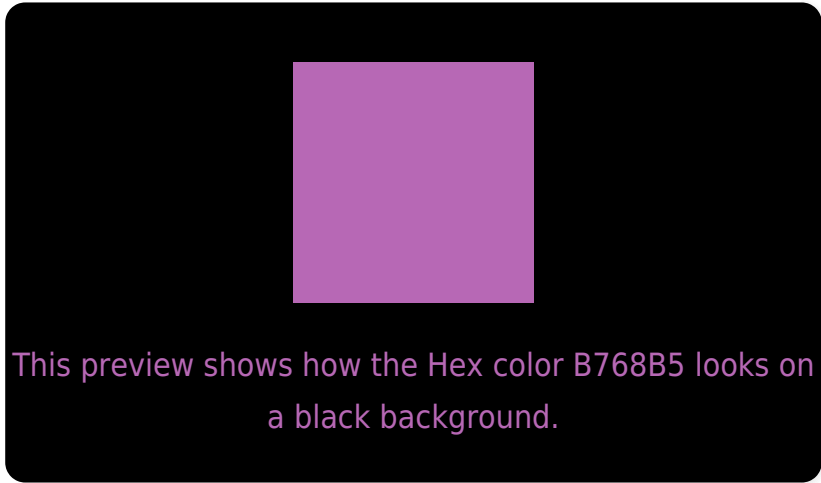
Large Text (above 18pt) WCAG AA ✓ Pass

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

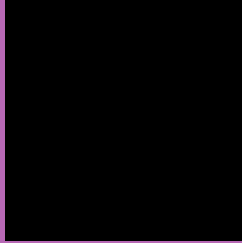
Any Text WCAG AA ✓ Pass

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 B768B5 Background



This preview shows how black text looks on a background with the Hex color B768B5.

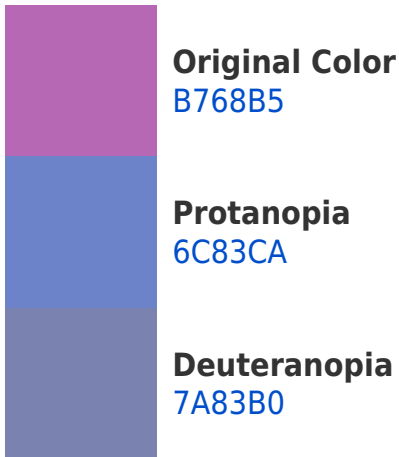


This preview shows how white text looks on a background with the Hex color B768B5.

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
B0747D

Trichromacy



Original Color
B768B5



Protanomaly
8779C2



Deuteranomaly
9079B2



Tritanomaly
B37091

Monochromacy



Original Color
B768B5



Achromatopsia
888888



Achromatomaly
997C98

CSS Examples

Text

The CSS property to change the color of the text to Hex B768B5 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 #B768B5 looks like.

```
.text, #text, p{  
    color:#B768B5  
}
```

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 #B768B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B768B5
}
```

Border

The CSS property to change the border of an element to Hex B768B5 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
#B768B5 }
```

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

```
.border{ border-color:#B768B5 }
```

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

Here you see how a box with a 4 pixel #B768B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B768B5; -webkit-box-shadow:4px 4px  
4px 4px #B768B5; box-shadow:4px 4px 4px  
4px #B768B5 }
```

Background

The CSS property to change the background color of an element to Hex B768B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B768B5 }
```

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

```
.background{ background-color:#B768B5 }
```

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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