

Converting Colors

Hex(B47CBA)

Have a look what the booklet for
Hex(B47CBA) contains.

Hex(B47CBA)	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(B47CBA)

Conversions

Conversions Part 1

Format	Color
Hex	B47CBA
RGB	180, 124, 186
RGB Percent	71%, 49%, 73%
CMY	0.2941, 0.5137, 0.2706
CMYK	0.03, 0.33, 0.00, 0.27
HSL	294°, 31%, 61%
HSV	294°, 33%, 73%
XYZ	34.8930, 27.6638, 49.9550
YIQ	147.8120, 13.4740, 31.1540

Conversions

Conversions Part 2

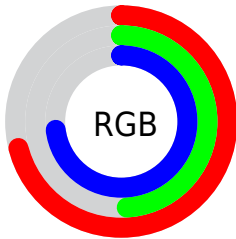
Format	Color
RYB	180, 124, 186
Decimal	11828410
CIELab	59.58, 32.22, -23.94
CIELCh	60, 40.142, 323.394
Yxy	27.6638, 0.3101, 0.2459
Android (android.graphics.Color)	4290018490 (0xFFB47CBA)
YUV	147.8120, 18.8267, 28.2289
Hunter-Lab	52.5964, 26.3751, -19.4950

Details

The Hex color **B47CBA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **82BA7C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EDB1F2**, and **7E4A85** is the 20% darker color. If you saturate the color by 10%, you get **B269BA**, and if you desaturate by 10%, it is **B68FBA**.

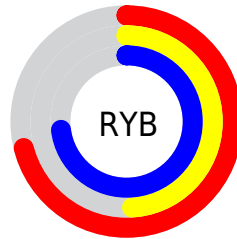
Distribution



Red (71%)

Green (49%)

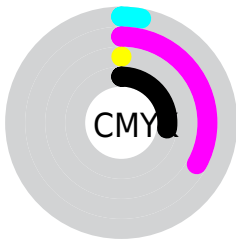
Blue (73%)



Red (71%)

Yellow (49%)

Blue (73%)

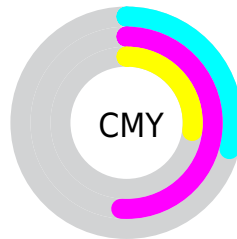


Cyan (3%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47CBA 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 B47CBA by changing the saturation by 10% instead.

 B47CBA

 B47CBA

FFFFFF

 99629F

 EDB1F2

 7E4A85

 FFCDFE

 64326B

 FFEAFF

 4B1A53

 33023B

 210026

 00010E

 000000

 B47CBA

 B47CBA

 B269BA

 B68FBA

 B057BA

 B8A1BA

 AF44BA

 B9B4BA

 AD32BA

 BBC6BA

 AB1FBA

 BDD9BA

 A90CBA

 BFECBA

 A800BA

 C1FEBA

 C2FFBA

 C4FFBA

Harmonies

Analogous

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



8789D0



B47CBA



CD7399

Triad

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



B47CBA



AC8B48



00A2AA

Complementary

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



B47CBA



82BA7C

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.



22A186



B47CBA



8A964D

Square

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



B47CBA



C67E58



609D64



009EC7

Rectangle

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



B47CBA



D37381



609D64



00A29F

Sweetspot

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



B47CBA



F0DAF2



7C82BA



796C7A



FAFAFA



7A7A7A

Same Dimension

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



B47CBA



E991F2



BA7CA1



5B535C



8C009C



19001C

Inverse Universe

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



BA7C82



F2919B



7CBA95



5C5354



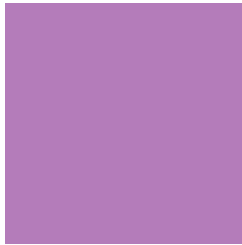
9C000F



1C0003

Previews

White Background



This preview shows how the Hex color B47CBA looks on a white background.

Color Contrast Check

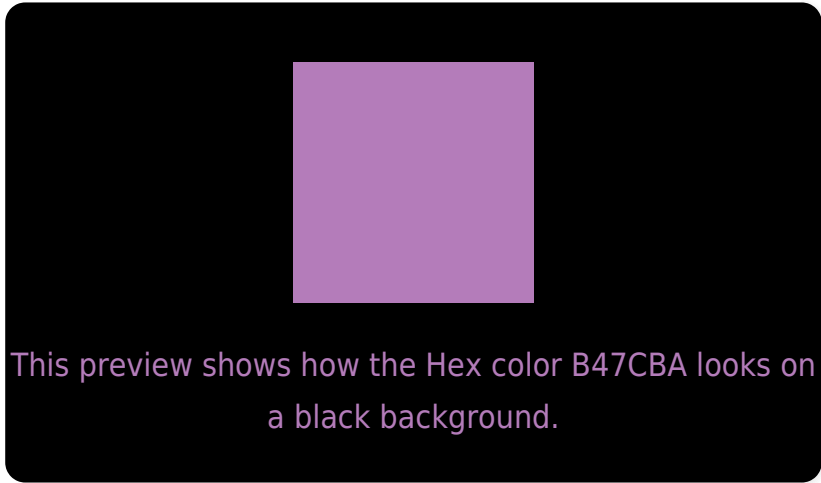
Large Text (above 18pt) WCAG AA ✓ Pass

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

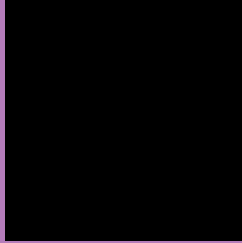
Any Text WCAG AA ✓ Pass

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 B47CBA Background



This preview shows how black text looks on a background with the Hex color B47CBA.

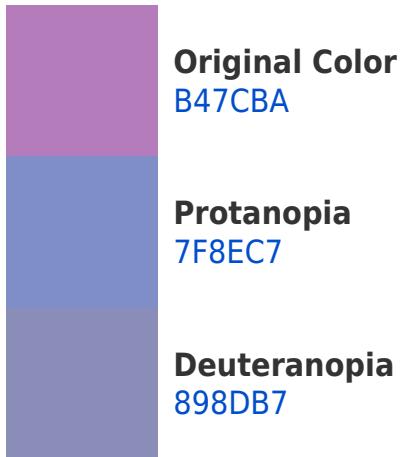



This preview shows how white text looks on a background with the Hex color B47CBA.

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
AE858F

Trichromacy



Original Color
B47CBA



Protanomaly
9287C2



Deuteranomaly
9987B8



Tritanomaly
B0829F

Monochromacy



Original Color
B47CBA



Achromatopsia
949494



Achromatomaly
A08BA2

CSS Examples

Text

The CSS property to change the color of the text to Hex B47CBA 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 #B47CBA looks like.

```
.text, #text, p{  
    color:#B47CBA  
}
```

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 #B47CBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47CBA
}
```

Border

The CSS property to change the border of an element to Hex B47CBA 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
#B47CBA }
```

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

```
.border{ border-color:#B47CBA }
```

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

Here you see how a box with a 4 pixel #B47CBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47CBA; -webkit-box-shadow:4px 4px  
4px 4px #B47CBA; box-shadow:4px 4px 4px  
4px #B47CBA }
```

Background

The CSS property to change the background color of an element to Hex B47CBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47CBA }
```

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

```
.background{ background-color:#B47CBA }
```

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