

# Converting Colors

Hex(B47CCA)

Have a look what the booklet for  
Hex(B47CCA) contains.

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# **Color**

**Hex(B47CCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B47CCA
RGB	180, 124, 202
RGB Percent	71%, 49%, 79%
CMY	0.2941, 0.5137, 0.2078
CMYK	0.11, 0.39, 0.00, 0.21
HSL	283°, 42%, 64%
HSV	283°, 39%, 79%
XYZ	36.6907, 28.3829, 59.4217
YIQ	149.6360, 8.3380, 36.1300

# Conversions

## Conversions Part 2

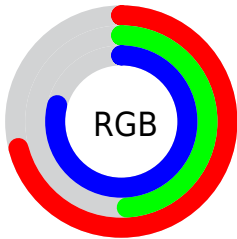
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	180, 124, 202
Decimal	11828426
CIE Lab	60.23, 35.47, -32.00
CIE LCh	60, 47.775, 317.942
Yxy	28.3829, 0.2947, 0.2280
Android (android.graphics.Color)	4290018506 (0xFFB47CCA)
YUV	149.6360, 25.8155, 26.6292
Hunter-Lab	53.2756, 29.7001, -28.8371

# Details

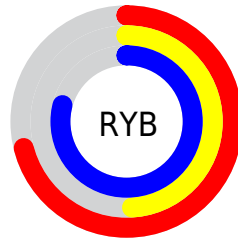
The Hex color **B47CCA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **92CA7C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **EDB1FF**, and **7E4A94** is the 20% darker color. If you saturate the color by 10%, you get **AE68CA**, and if you desaturate by 10%, it is **BA90CA**.

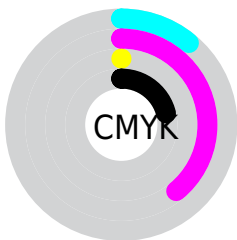
# Distribution



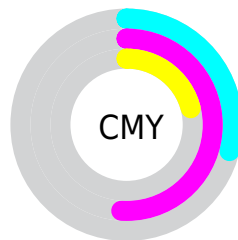
- Red (71%)
- Green (49%)
- Blue (79%)



- Red (71%)
- Yellow (49%)
- Blue (79%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (51%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47CCA 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 B47CCA by changing the saturation by 10% instead.



 B47CCA

 B47CCA

FFFFFF

 9962AE

 EDB1FF

 7E4A94

 FFCDFE

 64327A

 FFEAFF

 4A1A60

 320048

 1F0032

 00011B

 000000

 B47CCA

 B47CCA

 AE68CA

 BA90CA

 A954CA

 BFA4CA

 A33FCA

 C5B9CA

 9D2BCA

 CBCDCA

 9817CA

 D0E1CA

 9203CA

 D6F5CA

 9100CA

 DCFFCA

 E2FFCA

 E7FFCA

# Harmonies

## Analogous

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



778DE1



B47CCA



D66FA4

# Triad

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



B47CCA



B8893D



00A6AA

# Complementary

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



B47CCA



92CA7C

# 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.



00A57E



B47CCA



91973D

# Square

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



B47CCA



D47954



60A057



00A3CF

# Rectangle

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



B47CCA



DF6D88



60A057



00A69B



# Sweetspot

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



B47CCA



F6E0FF



7C92CA



7A6E80



000000



808080



# Same Dimension

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



B47CCA



DE8AFF



CA7CB9



635C66



7700A6



1B0026



# Inverse Universe

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



CA7C92



FF8AAB



7CCA8D



665C5F



A6002F

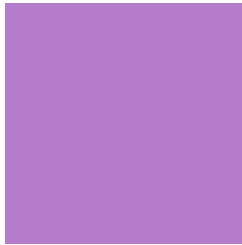


26000B



# Previews

## White Background



This preview shows how the Hex color B47CCA looks on a white background.

## Color Contrast Check

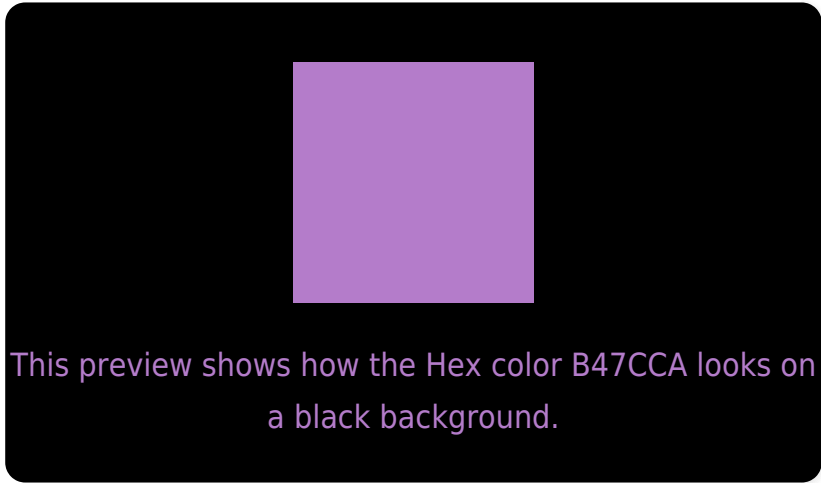
Large Text (above 18pt) WCAG AA ✓ Pass

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 B47CCA Background



This preview shows how black text looks on a background with the Hex color B47CCA.

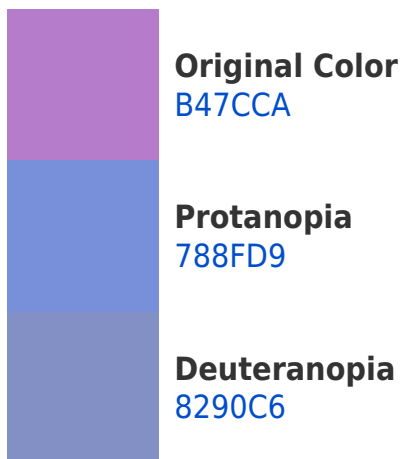


This preview shows how white text looks on a background with the Hex color B47CCA.

# 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





# Trichromacy



**Original Color**  
B47CCA



**Protanomaly**  
8E88D4



**Deuteranomaly**  
9489C7



**Tritanomaly**  
AF84A6

# Monochromacy



**Original Color**  
B47CCA



**Achromatopsia**  
969696



**Achromatomaly**  
A18DA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47CCA 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 #B47CCA looks like.

```
.text, #text, p{  
    color:#B47CCA  
}
```

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 #B47CCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47CCA
}
```

## Border

The CSS property to change the border of an element to Hex B47CCA is called "border". The border property can be set on classes, ids or directly on the HTML element.

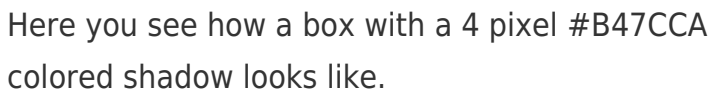
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47CCA }
```

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

```
.border{ border-color:#B47CCA }
```

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



Here you see how a box with a 4 pixel #B47CCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47CCA; -webkit-box-shadow:4px 4px  
4px 4px #B47CCA; box-shadow:4px 4px 4px  
4px #B47CCA }
```

# Background

The CSS property to change the background color of an element to Hex B47CCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47CCA }
```

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

```
.background{ background-color:#B47CCA }
```

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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