

Converting Colors

Hex(B47CCD)

Have a look what the booklet for
Hex(B47CCD) contains.

Hex(B47CCD)	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(**B47CCD**)

Conversions

Conversions Part 1

Format	Color
Hex	B47CCD
RGB	180, 124, 205
RGB Percent	71%, 49%, 80%
CMY	0.2941, 0.5137, 0.1961
CMYK	0.12, 0.40, 0.00, 0.20
HSL	281°, 45%, 65%
HSV	281°, 40%, 80%
XYZ	37.0495, 28.5264, 61.3110
YIQ	149.9780, 7.3750, 37.0630

Conversions

Conversions Part 2

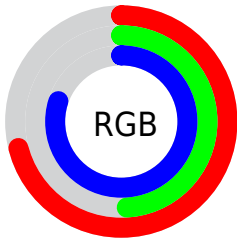
Format	Color
R_{YB}	180, 124, 205
Decimal	11828429
CIE _{Lab}	60.36, 36.10, -33.50
CIE _{LCh}	60, 49.248, 317.143
Yxy	28.5264, 0.2920, 0.2248
Android (android.graphics.Color)	4290018509 (0xFFB47CCD)
YUV	149.9780, 27.1258, 26.3293
Hunter-Lab	53.4101, 30.3541, -30.6737

Details

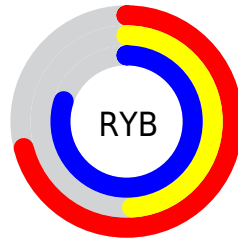
The Hex color **B47CCD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **95CD7C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EDB1FF**, and **7E4A96** is the 20% darker color. If you saturate the color by 10%, you get **AE68CD**, and if you desaturate by 10%, it is **BA91CD**.

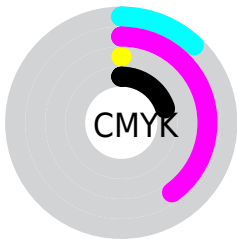
Distribution



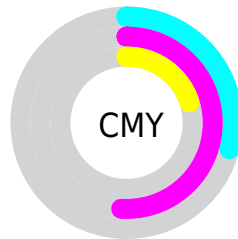
- Red (71%)
- Green (49%)
- Blue (80%)



- Red (71%)
- Yellow (49%)
- Blue (80%)



- Cyan (12%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47CCD 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 B47CCD by changing the saturation by 10% instead.

 B47CCD

 B47CCD

FFFFFF

 9962B1

 EDB1FF


 7E4A96

 FFCDFE

 64317C

 FFEAFF

 4A1963

 31004B

 1E0034

 00021E

 000000

 B47CCD

 B47CCD

 AE68CD

 BA91CD

 A753CD

 C1A5CD

 A13ECD

 C7BACD

 9B2ACD

 CDCECD

 9415CD

 D4E3CD

 8E01CD

 DAF7CD

 8E00CD

 E0FFCD

 E7FFCD

 EDFFCD

Harmonies

Analogous

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



748DE5



B47CCD



D86EA6

Triad

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



B47CCD



BA893A



00A7AA

Complementary

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



B47CCD



95CD7C

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.



00A67D



B47CCD



92973A

Square

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



B47CCD



D77853



60A154



00A4D0

Rectangle

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



B47CCD



E26B89



60A154



00A79B

Sweetspot

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



B47CCD



F6E0FF



7C96CD



7A6E80



000000



808080

Same Dimension

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



B47CCD



DA87FF



CD7CBE



635C66



7300A6



1A0026

Inverse Universe

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



CD7C95



FF87AC



7CCD8B



665C5F



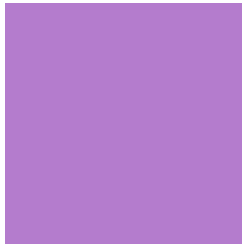
A60033



26000C

Previews

White Background



This preview shows how the Hex color B47CCD looks on a white background.

Color Contrast Check

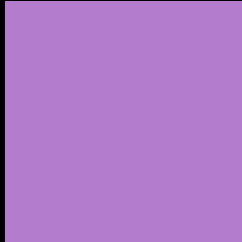
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color B47CCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

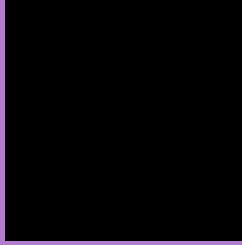
Any Text WCAG AA ✓ Pass

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 B47CCD Background



This preview shows how black text looks on a background with the Hex color B47CCD.

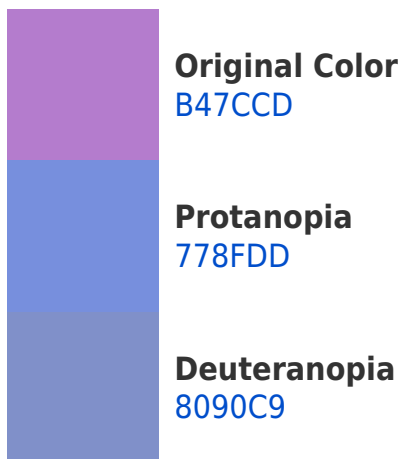


This preview shows how white text looks on a background with the Hex color B47CCD.

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](#).

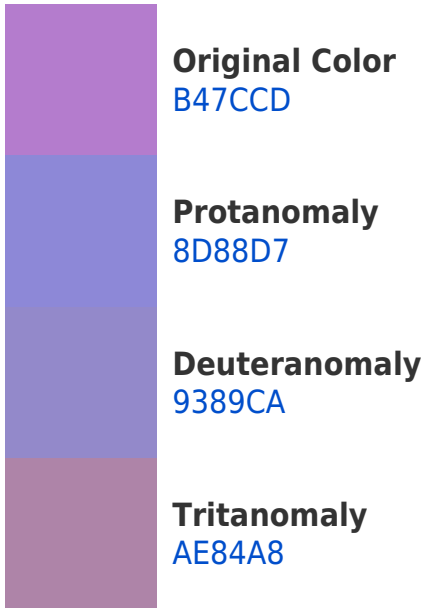
Dichromacy



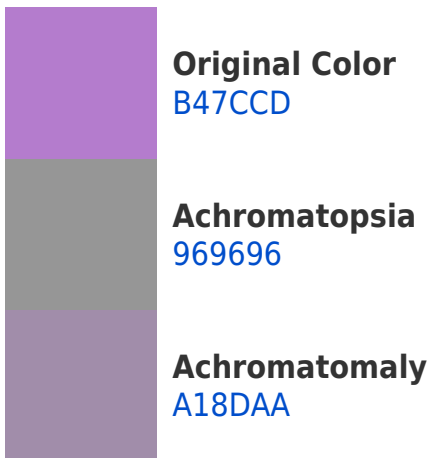


Tritanopia
AB8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B47CCD 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 #B47CCD looks like.

```
.text, #text, p{  
    color:#B47CCD  
}
```

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 #B47CCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47CCD
}
```

Border

The CSS property to change the border of an element to Hex B47CCD 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
#B47CCD }
```

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

```
.border{ border-color:#B47CCD }
```

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

Here you see how a box with a 4 pixel #B47CCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47CCD; -webkit-box-shadow:4px 4px  
4px 4px #B47CCD; box-shadow:4px 4px 4px  
4px #B47CCD }
```

Background

The CSS property to change the background color of an element to Hex B47CCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47CCD }
```

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

```
.background{ background-color:#B47CCD }
```

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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