

Converting Colors

Hex(B47FAF)

Have a look what the booklet for
Hex(B47FAF) contains.

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Color

Hex(B47FAF)

Conversions

Conversions Part 1

Format	Color
Hex	B47FAF
RGB	180, 127, 175
RGB Percent	71%, 50%, 69%
CMY	0.2941, 0.5020, 0.3137
CMYK	0.00, 0.29, 0.03, 0.29
HSL	306°, 26%, 60%
HSV	306°, 29%, 71%
XYZ	34.1496, 27.9772, 44.1577
YIQ	148.3190, 16.1800, 26.1640

Conversions

Conversions Part 2

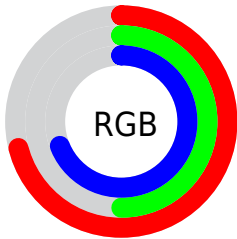
Format	Color
RYB	180, 127, 175
Decimal	11829167
CIELab	59.87, 28.44, -17.23
CIELCh	60, 33.252, 328.785
Yxy	27.9772, 0.3213, 0.2632
Android (android.graphics.Color)	4290019247 (0xFFB47FAF)
YUV	148.3190, 13.1537, 27.7842
Hunter-Lab	52.8935, 22.6814, -12.4724

Details

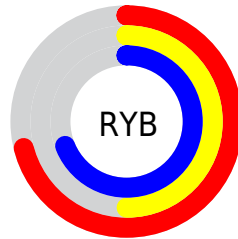
The Hex color **B47FAF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7FB484**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ECB4E7**, and **7E4D7A** is the 20% darker color. If you saturate the color by 10%, you get **B46DAD**, and if you desaturate by 10%, it is **B491B1**.

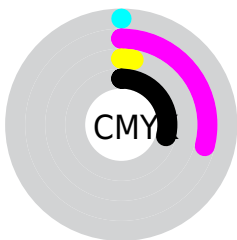
Distribution



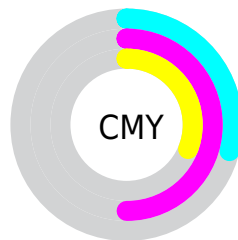
- Red (71%)
- Green (50%)
- Blue (69%)



- Red (71%)
- Yellow (50%)
- Blue (69%)



- Cyan (0%)
- Magenta (29%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47FAF 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 B47FAF by changing the saturation by 10% instead.

 B47FAF

 B47FAF

FFFFFF

 996694

 ECB4E7

 7E4D7A

 FFD0FF

 653561

 FFEDFF

 4C1E4A

 340633

 22001E

 000000

 B47FAF

 B47FAF

 B46DAD

 B491B1

 B45BAC

 B4A3B2

 B449AA

 B4B5B4

 B437A8

 B4C7B6

 B425A7

 B4D9B7

 B413A5

 B4EBB9

 B401A3

 B4FDDB

 B400A3

 B4FFBD

 B4FFBE

Harmonies

Analogous

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



9289C3



B47FAF



C67A93

Triad

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



B47FAF



A58E55



139FAB

Complementary

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



B47FAF



7FB484

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.



3CA08E



B47FAF



86975C

Square

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



B47FAF



BC845F



649D71



2F9BC2

Rectangle

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



B47FAF



CA7A7F



649D71



1FA0A2

Sweetspot

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



B47FAF



EBD5E9



837FB4



756874



F5F5F5



757575

Same Dimension

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



B47FAF



EB98E3



B47F95



595058



99008B



1A0017

Inverse Universe

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



B47FAF



EB98E3



7FB49E



595058



99008B



1A0017

Previews

White Background



This preview shows how the Hex color B47FAF looks on a white background.

Color Contrast Check

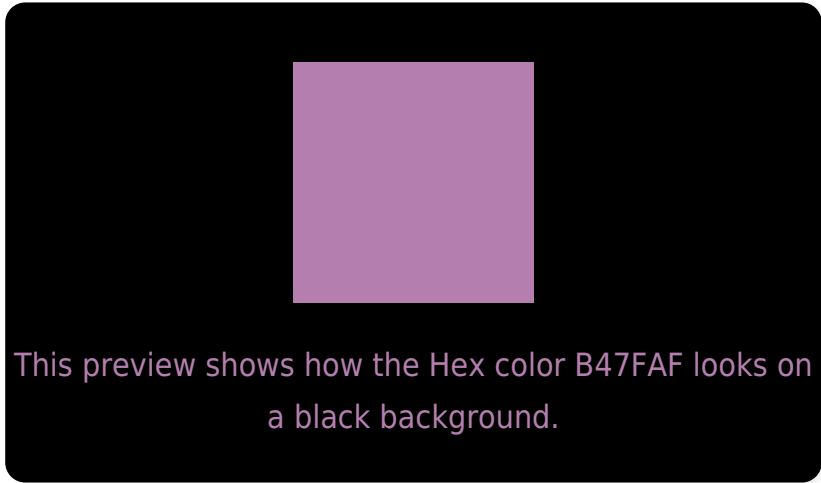
Large Text (above 18pt) WCAG AA ✓ Pass

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

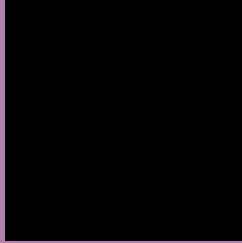
Any Text WCAG AA ✓ Pass

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 B47FAF Background



This preview shows how black text looks on a background with the Hex color B47FAF.

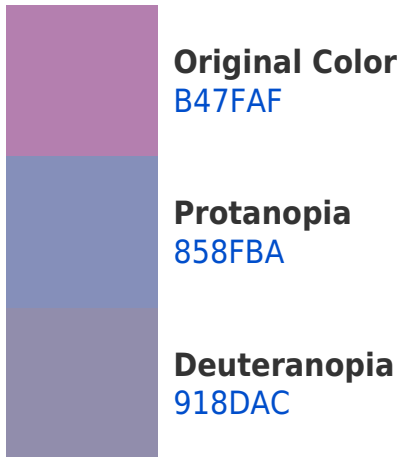


This preview shows how white text looks on a background with the Hex color B47FAF.

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](#).

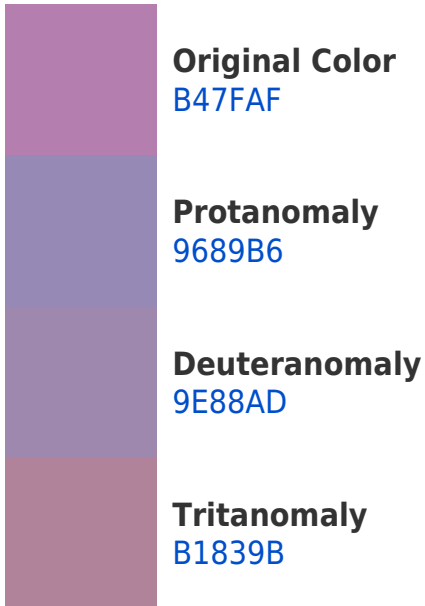
Dichromacy





Tritanopia
B0858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B47FAF 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 #B47FAF looks like.

```
.text, #text, p{  
    color:#B47FAF  
}
```

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 #B47FAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47FAF
}
```

Border

The CSS property to change the border of an element to Hex B47FAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

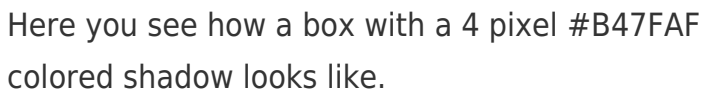
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47FAF }
```

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

```
.border{ border-color:#B47FAF }
```

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



Here you see how a box with a 4 pixel #B47FAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47FAF; -webkit-box-shadow:4px 4px  
4px 4px #B47FAF; box-shadow:4px 4px 4px  
4px #B47FAF }
```

Background

The CSS property to change the background color of an element to Hex B47FAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47FAF }
```

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

```
.background{ background-color:#B47FAF }
```

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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