

Converting Colors

Hex(B47DA1)

Have a look what the booklet for
Hex(B47DA1) contains.

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Color

Hex(B47DA1)

Conversions

Conversions Part 1

Format	Color
Hex	B47DA1
RGB	180, 125, 161
RGB Percent	71%, 49%, 63%
CMY	0.2941, 0.5098, 0.3686
CMYK	0.00, 0.31, 0.11, 0.29
HSL	321°, 27%, 60%
HSV	321°, 31%, 71%
XYZ	32.5890, 26.9437, 37.2012
YIQ	145.5490, 21.2240, 22.8560

Conversions

Conversions Part 2

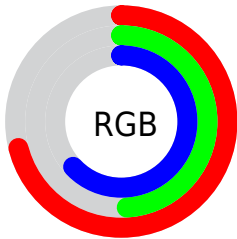
Format	Color
RYB	180, 125, 161
Decimal	11828641
CIELab	58.92, 27.02, -10.64
CIELCh	59, 29.036, 338.501
Yxy	26.9437, 0.3369, 0.2785
Android (android.graphics.Color)	4290018721 (0xFFB47DA1)
YUV	145.5490, 7.6173, 30.2135
Hunter-Lab	51.9074, 21.2299, -6.1571

Details

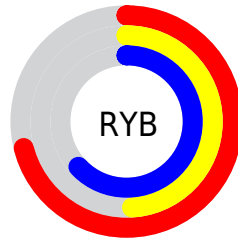
The Hex color **B47DA1** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7DB490**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **EDB2D8**, and **7E4B6D** is the 20% darker color. If you saturate the color by 10%, you get **B46B9B**, and if you desaturate by 10%, it is **B48FA7**.

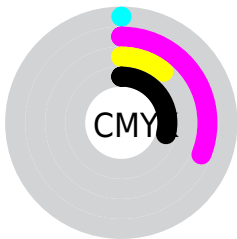
Distribution



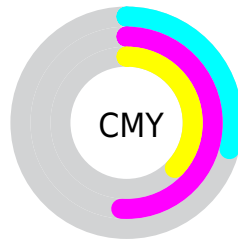
- Red (71%)
- Green (49%)
- Blue (63%)



- Red (71%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (31%)
- Yellow (11%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47DA1 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 B47DA1 by changing the saturation by 10% instead.

 B47DA1

 B47DA1

FFFFFF

 996487

 EDB2D8

 7E4B6D

 FFCEF4

 653355

 FFEAFF

 4C1D3E

 340528

 200014

 000000

 B47DA1

 B47DA1

 B46B9B

 B48FA7

 B45995

 B4A1AD

 B4478E

 B4B3B4

 B43588

 B4C5BA

 B42382

 B4D7C0

 B4117C

 B4E9C6

 B40076

 B4FBCD

 B4FFD3

 B4FFD9

Harmonies

Analogous

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



9A85B6



B47DA1



C07A87

Triad

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



B47DA1



988F5B



359AAD

Complementary

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



B47DA1



7DB490

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.



419C94



B47DA1



7C9665

Square

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



B47DA1



AF865F



5E9A7A



4F95BD

Rectangle

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



B47DA1



C07C77



5E9A7A



359BA5

Sweetspot

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



B47DA1



EBD5E3



8F7DB4



756871



F5F5F5



757575

Same Dimension

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



B47DA1



EB94CD



B47D86



595056



990064



1A0011

Inverse Universe

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



B47DA1



EB94CD



7DB4AB



595056



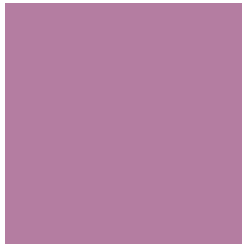
990064



1A0011

Previews

White Background



This preview shows how the Hex color B47DA1 looks on a white background.

Color Contrast Check

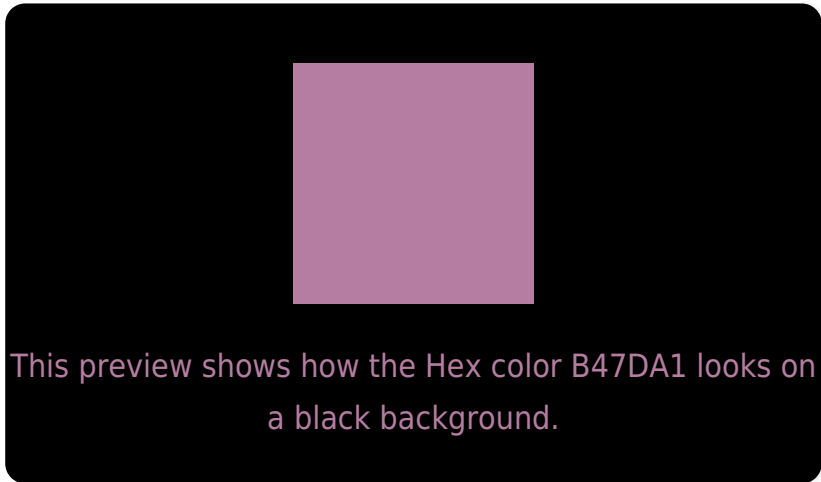
Large Text (above 18pt) WCAG AA ✓ Pass

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

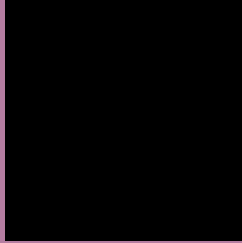
Any Text WCAG AA ✓ Pass

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 B47DA1 Background



This preview shows how black text looks on a background with the Hex color B47DA1.



This preview shows how white text looks on a background with the Hex color B47DA1.

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](#).

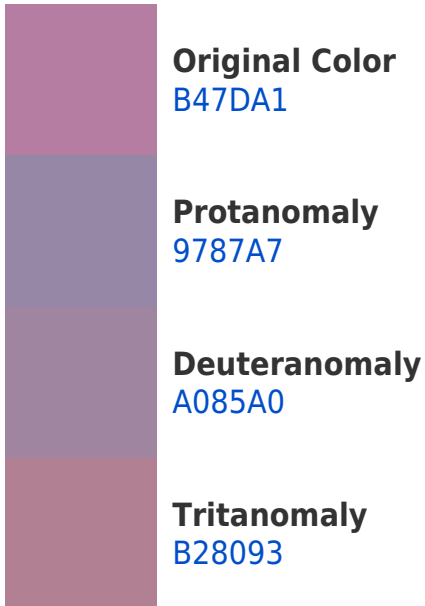
Dichromacy



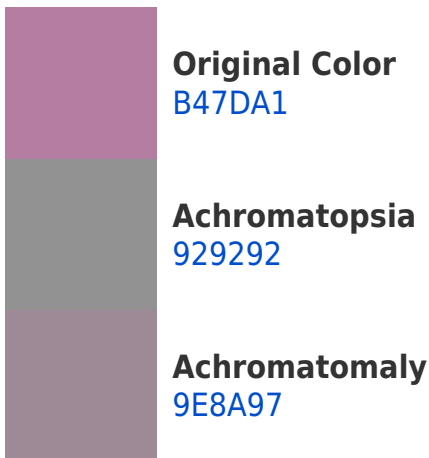


Tritanopia
B1818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B47DA1 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 #B47DA1 looks like.

```
.text, #text, p{  
    color:#B47DA1  
}
```

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 #B47DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47DA1
}
```

Border

The CSS property to change the border of an element to Hex B47DA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

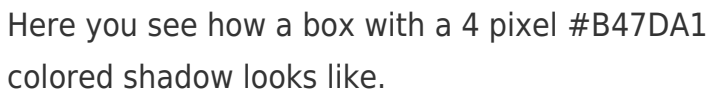
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47DA1 }
```

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

```
.border{ border-color:#B47DA1 }
```

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



Here you see how a box with a 4 pixel `#B47DA1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47DA1; -webkit-box-shadow:4px 4px  
4px 4px #B47DA1; box-shadow:4px 4px 4px  
4px #B47DA1 }
```

Background

The CSS property to change the background color of an element to Hex B47DA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47DA1 }
```

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

```
.background{ background-color:#B47DA1 }
```

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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