

Converting Colors

Hex(B47DDA)

Have a look what the booklet for
Hex(B47DDA) contains.

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Color

Hex(B47DDA)

Conversions

Conversions Part 1

Format	Color
Hex	B47DDA
RGB	180, 125, 218
RGB Percent	71%, 49%, 85%
CMY	0.2941, 0.5098, 0.1451
CMYK	0.17, 0.43, 0.00, 0.15
HSL	275°, 56%, 67%
HSV	275°, 43%, 85%
XYZ	38.8109, 29.4325, 69.9651
YIQ	152.0470, 2.9270, 40.5830

Conversions

Conversions Part 2

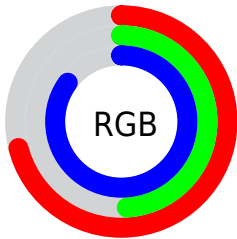
Format	Color
R_{YB}	180, 125, 218
Decimal	11828698
CIE _{Lab}	61.16, 38.35, -39.55
CIE _{LCh}	61, 55.090, 314.120
Yxy	29.4325, 0.2808, 0.2130
Android (android.graphics.Color)	4290018778 (0xFFB47DDA)
YUV	152.0470, 32.5148, 24.5148
Hunter-Lab	54.2517, 32.7558, -38.4865

Details

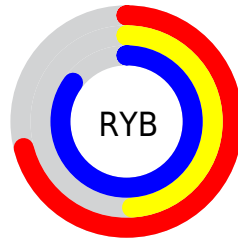
The Hex color **B47DDA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A3DA7D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **EDB3FF**, and **7D4AA3** is the 20% darker color. If you saturate the color by 10%, you get **AB67DA**, and if you desaturate by 10%, it is **BD93DA**.

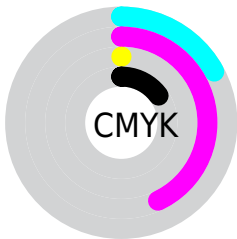
Distribution



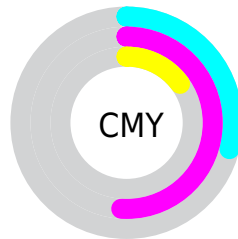
- Red (71%)
- Green (49%)
- Blue (85%)



- Red (71%)
- Yellow (49%)
- Blue (85%)



- Cyan (17%)
- Magenta (43%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (51%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47DDA 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 B47DDA by changing the saturation by 10% instead.

 B47DDA

 B47DDA

FFFFFF

 9863BE

 EDB3FF

 7D4AA3

 FFCEFF

 633288

 FFEBFF

 491A6E

 300055

 1A003E

 000227

 000110

 000000

 B47DDA

 B47DDA

 AB67DA

 BD93DA

 A251DA

 C6A9DA

 993CDA

 CFBEDA

 9026DA

 D8D4DA

 8710DA

 E1EADA

 8100DA

 E9FFDA

 F2FFDA

 FBFFDA

 FFFFDA

Harmonies

Analogous

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



6491F2



B47DDA



DF6BB0

Triad

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



B47DDA



C38832



00ABAA

Complementary

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



B47DDA



A3DA7D

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.



00AA77



B47DDA



98982D

Square

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



B47DDA



E27552



61A44A



00A9D6

Rectangle

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



B47DDA



EC678F



61A44A



00AB99

Sweetspot

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



B47DDA



F1DEFF



7DA4DA



776B80



000000



808080

Same Dimension

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



B47DDA



CA7DFF



DA7DD2



69636E



6700AD



1B002E

Inverse Universe

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



DA7DA3



FF7DB2



7DDA85



6E6367



AD0047



2E0013

Previews

White Background



This preview shows how the Hex color B47DDA looks on a white background.

Color Contrast Check

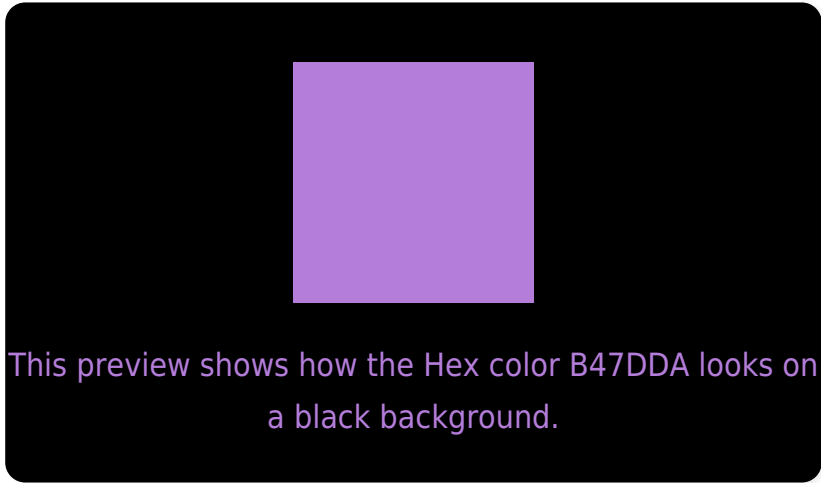
Large Text (above 18pt) WCAG AA ✓ Pass

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 B47DDA Background



This preview shows how black text looks on a background with the Hex color B47DDA.

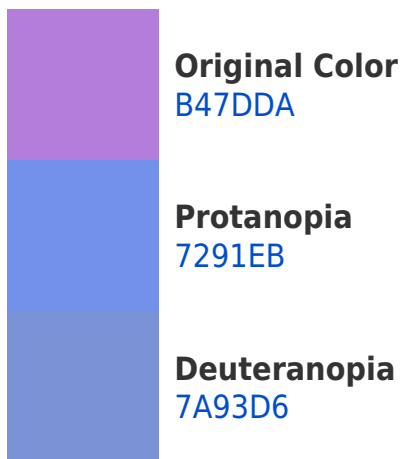


This preview shows how white text looks on a background with the Hex color B47DDA.

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](#).

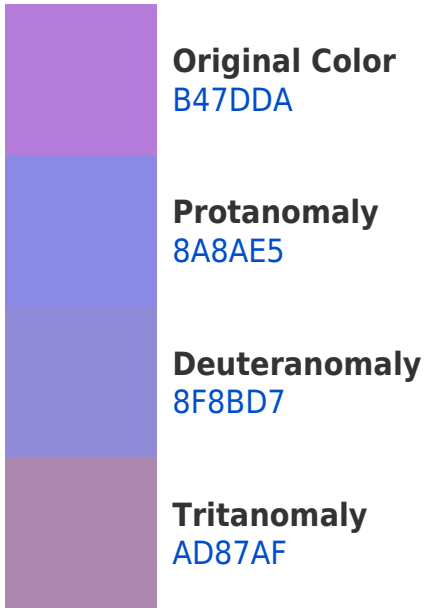
Dichromacy



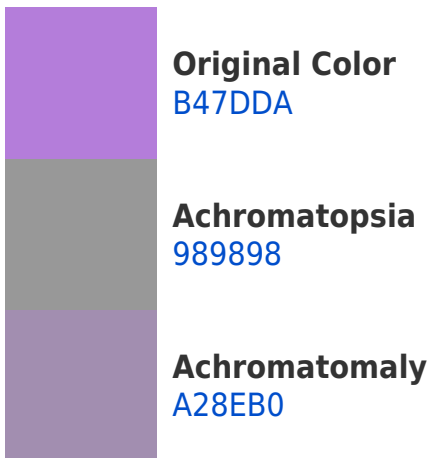


Tritanopia
A98C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B47DDA 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 #B47DDA looks like.

```
.text, #text, p{  
    color:#B47DDA  
}
```

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 #B47DDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47DDA
}
```

Border

The CSS property to change the border of an element to Hex B47DDA 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
#B47DDA }
```

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

```
.border{ border-color:#B47DDA }
```

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

Here you see how a box with a 4 pixel #B47DDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47DDA; -webkit-box-shadow:4px 4px  
4px 4px #B47DDA; box-shadow:4px 4px 4px  
4px #B47DDA }
```

Background

The CSS property to change the background color of an element to Hex B47DDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47DDA }
```

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

```
.background{ background-color:#B47DDA }
```

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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