

Converting Colors

Hex(B417DA)

Have a look what the booklet for
Hex(B417DA) contains.

Hex(B417DA)	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(B417DA)

Conversions

Conversions Part 1

Format	Color
Hex	B417DA
RGB	180, 23, 218
RGB Percent	71%, 9%, 85%
CMY	0.2941, 0.9098, 0.1451
CMYK	0.17, 0.89, 0.00, 0.15
HSL	288°, 81%, 47%
HSV	288°, 89%, 85%
XYZ	31.7837, 15.3780, 67.6227
YIQ	92.1730, 30.9770, 93.9290

Conversions

Conversions Part 2

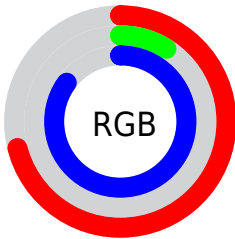
Format	Color
R_{YB}	180, 23, 218
Decimal	11802586
CIE _{Lab}	46.15, 79.17, -63.49
CIE _{LCh}	46, 101.482, 321.275
Yxy	15.3780, 0.2769, 0.1340
Android (android.graphics.Color)	4289992666 (0xFFB417DA)
YUV	92.1730, 62.0327, 77.0243
Hunter-Lab	39.2149, 76.0484, -74.7903

Details

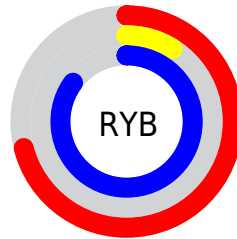
The Hex color **B417DA** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **3DDA17**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **F060FF**, and **7900A2** is the 20% darker color. If you saturate the color by 10%, you get **B001DA**, and if you desaturate by 10%, it is **B82DDA**.

Distribution



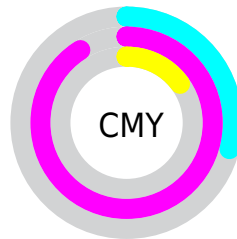
- Red (71%)
- Green (9%)
- Blue (85%)



- Red (71%)
- Yellow (9%)
- Blue (85%)



- Cyan (17%)
- Magenta (89%)
- Yellow (0%)
- Black (15%)



- Cyan (29%)
- Magenta (91%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B417DA 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 B417DA by changing the saturation by 10% instead.

 B417DA

 B417DA

FFFFFF

 9700BE

 F060FF

 7900A2

 FF7DFF

 5C0087

 FF9BFF

 3F006D

 FFB8FF

 210053

 FFD6FF

 00003B

 FFF4FF

 000224

 00000C

 000000

 B417DA

 B417DA

 B001DA

 B82DDA

 B000DA

 BC43DA

 C158DA

 C56EDA

 C984DA

 CD9ADA

 D2B0DA

 D6C5DA

 DADBDA

Harmonies

Analogous

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



0064FF



B417DA



F0008A

Triad

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



B417DA



9A6200



008DAA

Complementary

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



B417DA



3DDA17

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.



008B51



B417DA



4A7B00

Square

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



B417DA



D42700



008600



008CF4

Rectangle

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



B417DA



F80052



008600



008D8D

Sweetspot

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



B417DA



F2BAFF



173EDA



785780



000000



808080

Same Dimension

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



B417DA



CD00FF



DA17A0



6C636E



8C00AD



25002E

Inverse Universe

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



DA173D



FF0032



17DA52



6E6365



AD0022



2E0009

Previews

White Background



This preview shows how the Hex color B417DA looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

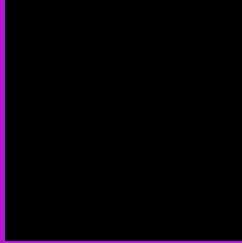
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B417DA Background



This preview shows how black text looks on a background with the Hex color B417DA.

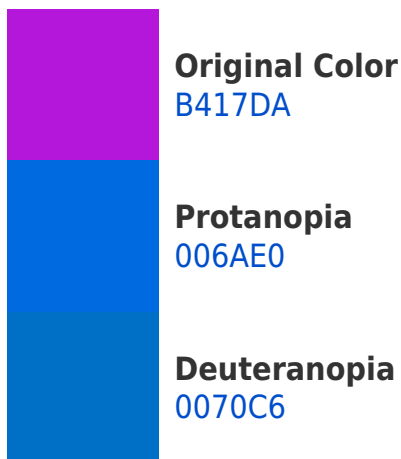


This preview shows how white text looks on a background with the Hex color B417DA.

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
A3575E

Trichromacy



Original Color
B417DA



Protanomaly
414CDE



Deuteranomaly
4150CD



Tritanomaly
A9408B

Monochromacy



Original Color
B417DA



Achromatopsia
5C5C5C



Achromatomaly
7C438A

CSS Examples

Text

The CSS property to change the color of the text to Hex B417DA 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 #B417DA looks like.

```
.text, #text, p{  
    color:#B417DA  
}
```

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 #B417DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B417DA
}
```

Border

The CSS property to change the border of an element to Hex B417DA 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".

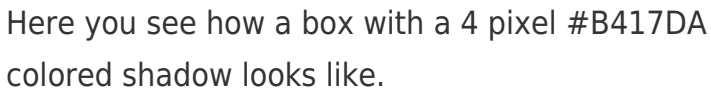
```
.border, #border, table{ border:4px solid
#B417DA }
```

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

```
.border{ border-color:#B417DA }
```

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

Here you see how a box with a 4 pixel #B417DA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B417DA; -webkit-box-shadow:4px 4px  
4px 4px #B417DA; box-shadow:4px 4px 4px  
4px #B417DA }
```

Background

The CSS property to change the background color of an element to Hex B417DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B417DA }
```

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

```
.background{ background-color:#B417DA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor