

Converting Colors

Hex(B507DD)

Have a look what the booklet for
Hex(B507DD) contains.

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Color

Hex(B507DD)

Conversions

Conversions Part 1

Format	Color
Hex	B507DD
RGB	181, 7, 221
RGB Percent	71%, 3%, 87%
CMY	0.2902, 0.9725, 0.1333
CMYK	0.18, 0.97, 0.00, 0.13
HSL	289°, 94%, 45%
HSV	289°, 97%, 87%
XYZ	32.1832, 15.1962, 69.6435
YIQ	83.4220, 35.0100, 103.4420

Conversions

Conversions Part 2

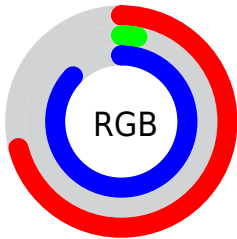
Format	Color
R_{YB}	181, 7, 221
Decimal	11864029
CIE _{Lab}	45.90, 81.68, -65.59
CIE _{LCh}	46, 104.758, 321.234
Yxy	15.1962, 0.2750, 0.1299
Android (android.graphics.Color)	4290054109 (0xFFB507DD)
YUV	83.4220, 67.8260, 85.5759
Hunter-Lab	38.9823, 79.1480, -78.6366

Details

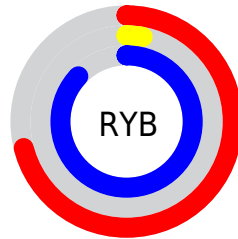
The Hex color **B507DD** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **2FDD07**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F15BFF**, and **7A00A5** is the 20% darker color. If you saturate the color by 10%, you get **B400DD**, and if you desaturate by 10%, it is **B91DDD**.

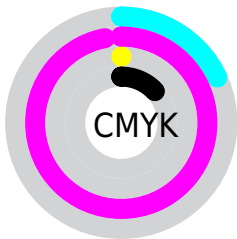
Distribution



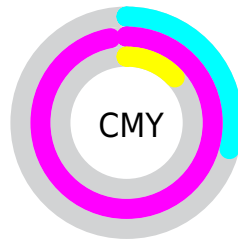
- Red (71%)
- Green (3%)
- Blue (87%)



- Red (71%)
- Yellow (3%)
- Blue (87%)



- Cyan (18%)
- Magenta (97%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (97%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B507DD 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 B507DD by changing the saturation by 10% instead.

 B507DD

 B507DD

FFFFFF

 9700C1

 F15BFF

 7A00A5

 FF79FF

 5D008A

 FF97FF

 3F006F

 FFB5FF

 200056

 FFD2FF

 00003D

 FFF0FF

 000326

 000110

 000000

 B507DD

 B507DD

 B400DD

 B91DDD

 BD33DD

 C149DD

 C65FDD

 CA76DD

 CE8CDD

 D2A2DD

 D6B8DD

 DACEDD

Harmonies

Analogous

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



0063FF



B507DD



F3008B

Triad

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



B507DD



9A6100



008DAB

Complementary

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



B507DD



2FDD07

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.



008B4F



B507DD



467B00

Square

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



B507DD



D62000



008600



008CF8

Rectangle

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



B507DD



FB0051



008600



008C8D

Sweetspot

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



B507DD



F1B5FF



0732DD



775380



000000



808080

Same Dimension

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



B507DD



CF00FF



DD079D



6C636E



8D00AD



25002E

Inverse Universe

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



DD072F



FF0030



07DD47



6E6365



AD0020



2E0009

Previews

White Background



This preview shows how the Hex color B507DD looks on a white background.

Color Contrast Check

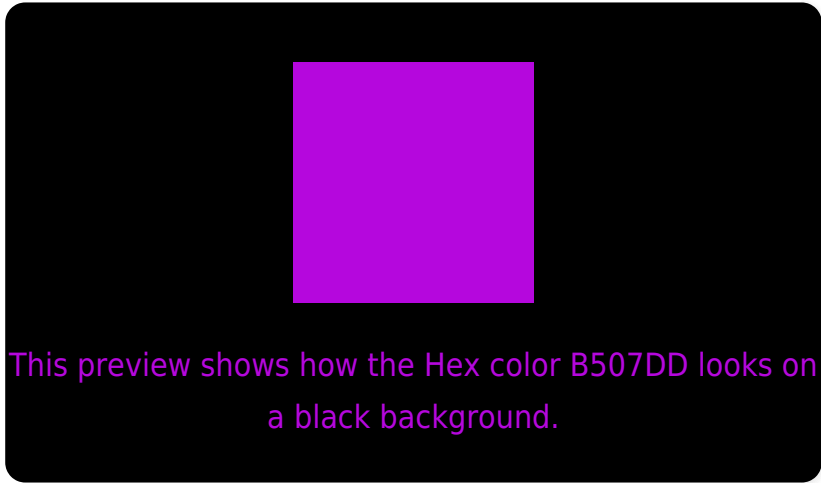
Large Text (above 18pt) WCAG AA ✓ Pass

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

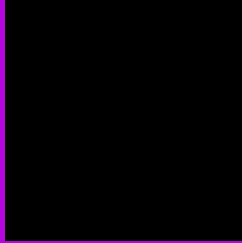
Any Text WCAG AA × Fail

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 B507DD Background



This preview shows how black text looks on a background with the Hex color B507DD.

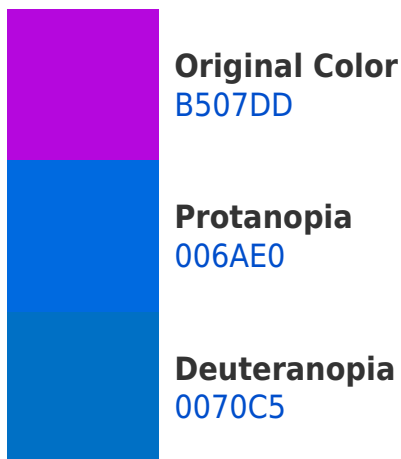


This preview shows how white text looks on a background with the Hex color B507DD.

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
A3575D

Trichromacy



Original Color
B507DD



Protanomaly
4246DF



Deuteranomaly
424ACE



Tritanomaly
AA3A8C

Monochromacy



Original Color
B507DD



Achromatopsia
535353



Achromatomaly
773785

CSS Examples

Text

The CSS property to change the color of the text to Hex B507DD 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 #B507DD looks like.

```
.text, #text, p{  
  color:#B507DD  
}
```

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 #B507DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B507DD
}
```

Border

The CSS property to change the border of an element to Hex B507DD is called "border". The border property can be set on classes, ids or directly on the HTML element.

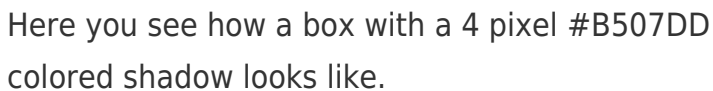
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B507DD }
```

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

```
.border{ border-color:#B507DD }
```

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



Here you see how a box with a 4 pixel #B507DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B507DD; -webkit-box-shadow:4px 4px  
4px 4px #B507DD; box-shadow:4px 4px 4px  
4px #B507DD }
```

Background

The CSS property to change the background color of an element to Hex B507DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B507DD }
```

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

```
.background{ background-color:#B507DD }
```

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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