

Converting Colors

Hex(B800D6)

Have a look what the booklet for
Hex(B800D6) contains.

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Color

Hex(B800D6)

Conversions

Conversions Part 1

Format	Color
Hex	B800D6
RGB	184, 0, 214
RGB Percent	72%, 0%, 84%
CMY	0.2784, 1.0000, 0.1608
CMYK	0.14, 1.00, 0.00, 0.16
HSL	292°, 100%, 42%
HSV	292°, 100%, 84%
XYZ	31.9048, 15.0454, 64.8408
YIQ	79.4120, 40.9700, 105.5620

Conversions

Conversions Part 2

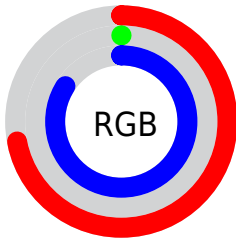
Format	Color
RYB	184, 0, 214
Decimal	12058838
CIELab	45.70, 81.56, -61.89
CIELCh	46, 102.383, 322.806
Yxy	15.0454, 0.2854, 0.1346
Android (android.graphics.Color)	4290248918 (0xFFB800D6)
YUV	79.4120, 66.3519, 91.7237
Hunter-Lab	38.7884, 78.9426, -71.9606

Details

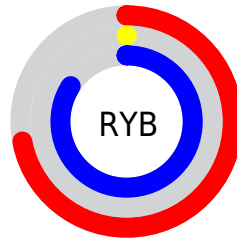
The Hex color **B800D6** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **1ED600**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F45AFF**, and **7D009E** is the 20% darker color. If you saturate the color by 10%, you get **B800D6**, and if you desaturate by 10%, it is **BB15D6**.

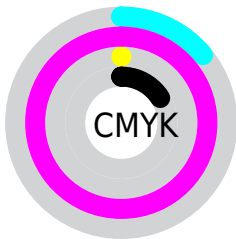
Distribution



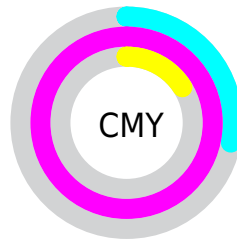
- Red (72%)
- Green (0%)
- Blue (84%)



- Red (72%)
- Yellow (0%)
- Blue (84%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B800D6 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 B800D6 by changing the saturation by 10% instead.

 B800D6

 B800D6

FFFFFF

 9A00BA

 F45AFF

 7D009E

 FF78FF

 600083

 FF96FF

 430069

 FFB3FF

 260050

 FFD1FF

 000038

 FFEFFF

 000221

 000007

 000000

 B800D6

 BB15D6

 BE2BD6

 C140D6

 C456D6

 C76BD6

 CA80D6

 CD96D6

 D0ABD6

 D3C1D6

Harmonies

Analogous

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



0060FF



B800D6



F10085

Triad

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



B800D6



956200



008CAD

Complementary

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



B800D6



1ED600

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.



008A54



B800D6



427B00

Square

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



B800D6



D12A00



008600



008BF7

Rectangle

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



B800D6



F8004D



008600



008C90

Sweetspot

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



B800D6



F4B3FF



0020D6



795280



000000



808080

Same Dimension

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



B800D6



DB00FF



D6008B



6A606B



9300AB



25002B

Inverse Universe

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



D6001E



FF0024



00D64B



6B6062



AB0018



2B0006

Previews

White Background



This preview shows how the Hex color B800D6 looks on a white background.

Color Contrast Check

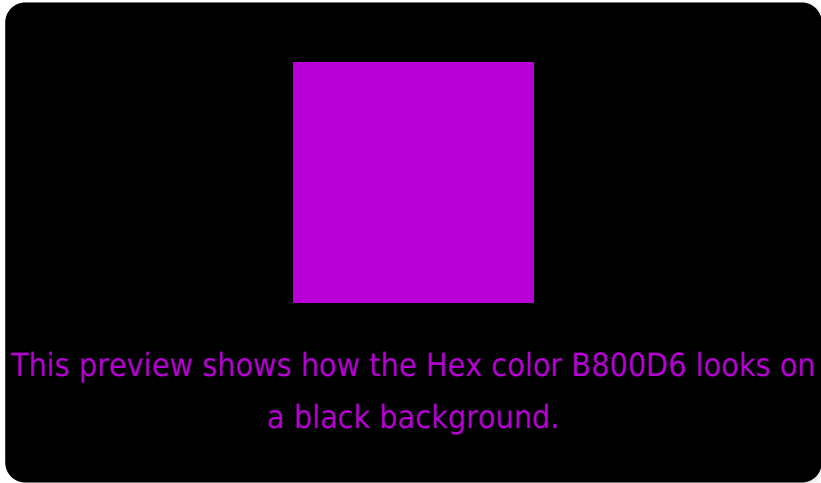
Large Text (above 18pt) WCAG AA ✓ Pass

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

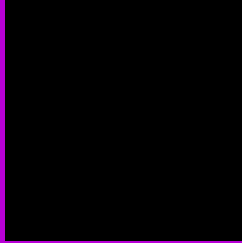
Any Text WCAG AA × Fail

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 B800D6 Background



This preview shows how black text looks on a background with the Hex color B800D6.

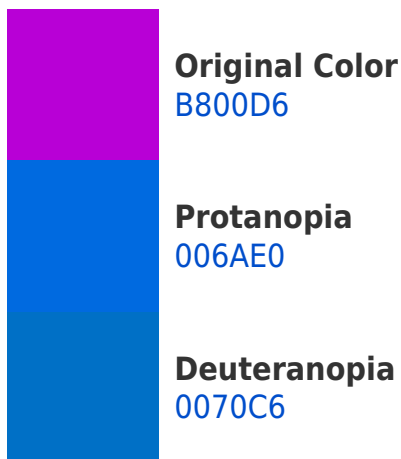



This preview shows how white text looks on a background with the Hex color B800D6.

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
A8545A

Trichromacy



Original Color
B800D6



Protanomaly
4343DC



Deuteranomaly
4347CC



Tritanomaly
AE3587

Monochromacy



Original Color
B800D6



Achromatopsia
4F4F4F



Achromatomaly
753280

CSS Examples

Text

The CSS property to change the color of the text to Hex B800D6 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 #B800D6 looks like.

```
.text, #text, p{  
    color:#B800D6  
}
```

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 #B800D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B800D6
}
```

Border

The CSS property to change the border of an element to Hex B800D6 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".

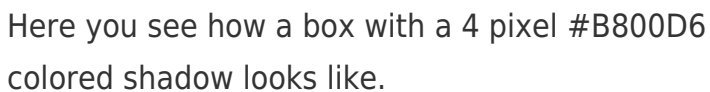
```
.border, #border, table{ border:4px solid
#B800D6 }
```

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

```
.border{ border-color:#B800D6 }
```

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

Here you see how a box with a 4 pixel #B800D6 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 #B800D6; -webkit-box-shadow:4px 4px  
4px 4px #B800D6; box-shadow:4px 4px 4px  
4px #B800D6 }
```

Background

The CSS property to change the background color of an element to Hex B800D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B800D6 }
```

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

```
.background{ background-color:#B800D6 }
```

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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