

Converting Colors

Hex(B000B0)

Have a look what the booklet for
Hex(B000B0) contains.

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Color

Hex(B000B0)

Conversions

Conversions Part 1

Format	Color
Hex	B000B0
RGB	176, 0, 176
RGB Percent	69%, 0%, 69%
CMY	0.3098, 1.0000, 0.3098
CMYK	0.00, 1.00, 0.00, 0.31
HSL	300°, 100%, 35%
HSV	300°, 100%, 69%
XYZ	25.7410, 12.3647, 42.1042
YIQ	72.6880, 48.4000, 92.0480

Conversions

Conversions Part 2

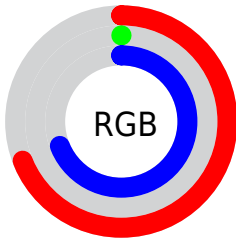
Format	Color
R_{YB}	176, 0, 176
Decimal	11534512
CIE _{Lab}	41.79, 74.40, -46.07
CIE _{LCh}	42, 87.508, 328.233
Yxy	12.3647, 0.3209, 0.1542
Android (android.graphics.Color)	4289724592 (0xFFB000B0)
YUV	72.6880, 50.9328, 90.6046
Hunter-Lab	35.1635, 69.1326, -46.3785

Details

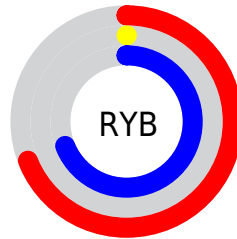
The Hex color **B000B0** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **00B000**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **EB56E8**, and **76007B** is the 20% darker color. If you saturate the color by 10%, you get **B000B0**, and if you desaturate by 10%, it is **B012B0**.

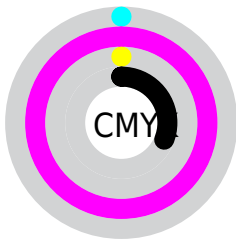
Distribution



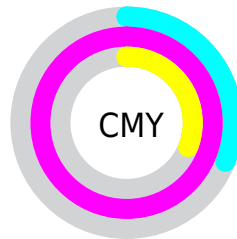
- Red (69%)
- Green (0%)
- Blue (69%)



- Red (69%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B000B0 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 B000B0 by changing the saturation by 10% instead.

 B000B0

 B000B0

FFFFFF

 930095

 EB56E8

 76007B

 FF73FF

 5A0061

 FF91FF

 400049

 FFAEFF

 230031

 FFCBFF

 00011B

 FFE9FF

 000000

 B000B0

 B012B0

 B023B0

 B035B0

 B046B0

 B058B0

 B06AB0

 B07BB0

 B08DB0

 B09EB0

Harmonies

Analogous

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



3851E4



B000B0



D7006A

Triad

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



B000B0



7C5F00



007EA6

Complementary

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



B000B0



00B000

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.



007D5C



B000B0



317100

Square

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



B000B0



B23A00



007A00



007CDF

Rectangle

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



B000B0



D8003C



007A00



007E8E

Sweetspot

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



B000B0



E6A1E6



0000B0



734973



F2F2F2



737373

Same Dimension

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



B000B0



E600E6



B00058



595059



990099



1A001A

Inverse Universe

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



B000B0



E600E6



00B058



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color B000B0 looks on a white background.

Color Contrast Check

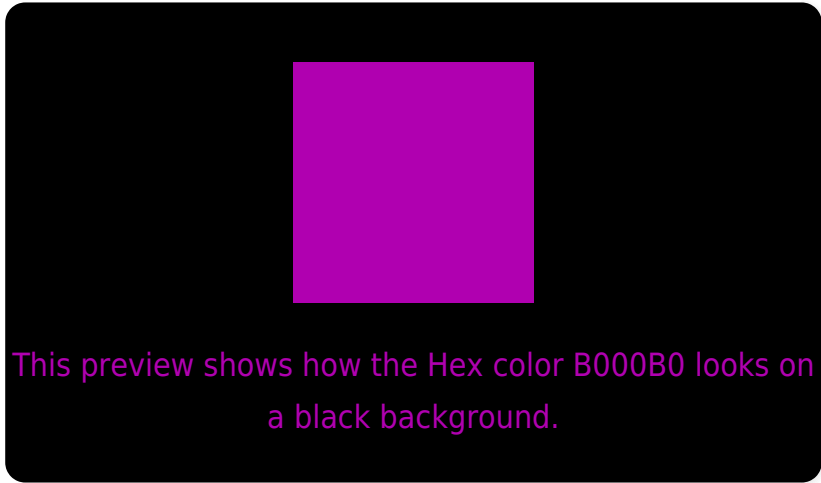
Large Text (above 18pt) WCAG AA ✓ Pass

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

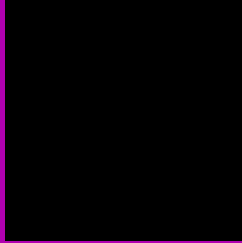
Any Text WCAG AA × Fail

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 B000B0 Background



This preview shows how black text looks on a background with the Hex color B000B0.

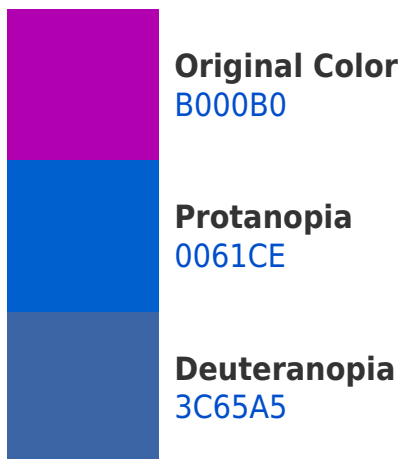



This preview shows how white text looks on a background with the Hex color B000B0.

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
A5454A

Trichromacy



Original Color
B000B0



Protanomaly
403EC3



Deuteranomaly
6640A9



Tritanomaly
A92C6F

Monochromacy



Original Color
B000B0



Achromatopsia
494949



Achromatomaly
6E2E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex B000B0 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 #B000B0 looks like.

```
.text, #text, p{  
    color:#B000B0  
}
```

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 #B000B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B000B0
}
```

Border

The CSS property to change the border of an element to Hex B000B0 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
#B000B0 }
```

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

```
.border{ border-color:#B000B0 }
```

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

Here you see how a box with a 4 pixel #B000B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B000B0; -webkit-box-shadow:4px 4px  
4px 4px #B000B0; box-shadow:4px 4px 4px  
4px #B000B0 }
```

Background

The CSS property to change the background color of an element to Hex B000B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B000B0 }
```

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

```
.background{ background-color:#B000B0 }
```

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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