

Converting Colors

Hex(B000AB)

Have a look what the booklet for
Hex(B000AB) contains.

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Color

Hex(B000AB)

Conversions

Conversions Part 1

Format	Color
Hex	B000AB
RGB	176, 0, 171
RGB Percent	69%, 0%, 67%
CMY	0.3098, 1.0000, 0.3294
CMYK	0.00, 1.00, 0.03, 0.31
HSL	302°, 100%, 35%
HSV	302°, 100%, 69%
XYZ	25.2552, 12.1704, 39.5461
YIQ	72.1180, 50.0050, 90.4930

Conversions

Conversions Part 2

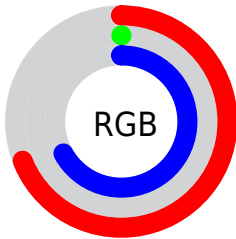
Format	Color
RYB	176, 0, 171
Decimal	11534507
CIELab	41.49, 73.66, -43.58
CIELCh	41, 85.590, 329.389
Yxy	12.1704, 0.3281, 0.1581
Android (android.graphics.Color)	4289724587 (0xFFB000AB)
YUV	72.1180, 48.7488, 91.1045
Hunter-Lab	34.8861, 68.1714, -42.7896

Details

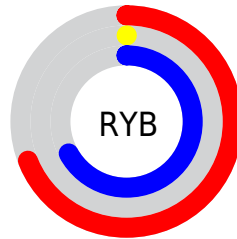
The Hex color **B000AB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00B005**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **EB55E3**, and **770076** is the 20% darker color. If you saturate the color by 10%, you get **B000AB**, and if you desaturate by 10%, it is **B012AC**.

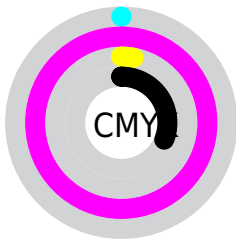
Distribution



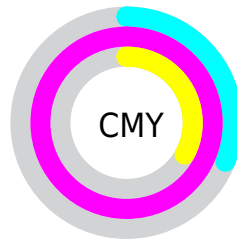
- Red (69%)
- Green (0%)
- Blue (67%)



- Red (69%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B000AB 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 B000AB by changing the saturation by 10% instead.

 B000AB

 B000AB

FFFFFF

 930090

 EB55E3

 770076

 FF73FF

 5A005D

 FF90FF

 400045

 FFADFF

 23002D

 FFCBFF

 000117

 FFE8FF

 000000

 B000AB

 B012AC

 B023AC

 B035AD

 B046AD

 B058AE

 B06AAE

 B07BAF

 B08DAF

 B09EB0

Harmonies

Analogous

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



444FDF



B000AB



D40067

Triad

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



B000AB



795F00



007DA6

Complementary

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



B000AB



00B005

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.



007C5F



B000AB



2E7100

Square

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



B000AB



AE3D00



007907



007ADD

Rectangle

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



B000AB



D50039



007907



007D8F

Sweetspot

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



B000AB



E6A1E4



0300B0



734972



F2F2F2



737373

Same Dimension

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



B000AB



E600DF



B00055



595059



990095



1A0019

Inverse Universe

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



B000AB



E600DF



00B05B



595059



990095



1A0019

Previews

White Background



This preview shows how the Hex color B000AB looks on a white background.

Color Contrast Check

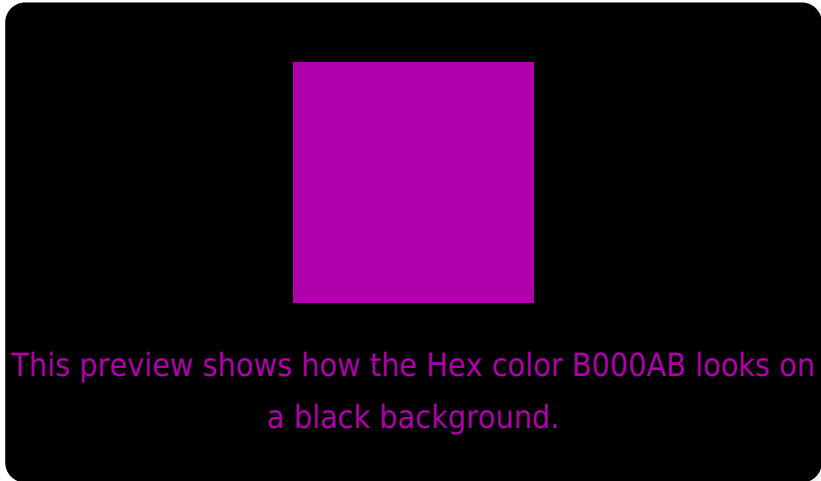
Large Text (above 18pt) WCAG AA ✓ Pass

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

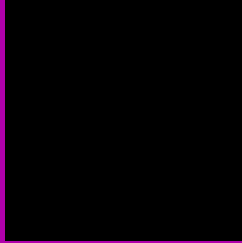
Any Text WCAG AA × Fail

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 B000AB Background



This preview shows how black text looks on a background with the Hex color B000AB.

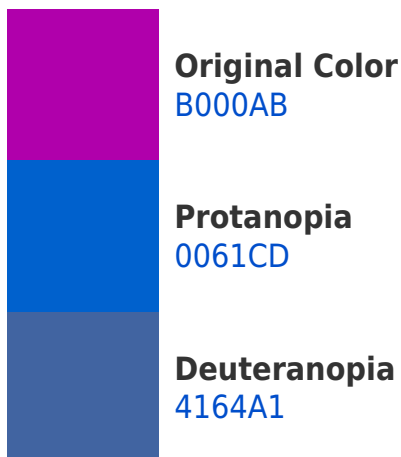


This preview shows how white text looks on a background with the Hex color B000AB.

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



Trichromacy



Original Color
B000AB



Protanomaly
403EC1



Deuteranomaly
6940A5



Tritanomaly
AA2B6B

Monochromacy



Original Color
B000AB



Achromatopsia
484848



Achromatomaly
6E2E6C

CSS Examples

Text

The CSS property to change the color of the text to Hex B000AB 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 #B000AB looks like.

```
.text, #text, p{  
    color:#B000AB  
}
```

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 #B000AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B000AB
}
```

Border

The CSS property to change the border of an element to Hex B000AB 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
#B000AB }
```

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

```
.border{ border-color:#B000AB }
```

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

Here you see how a box with a 4 pixel #B000AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B000AB; -webkit-box-shadow:4px 4px  
4px 4px #B000AB; box-shadow:4px 4px 4px  
4px #B000AB }
```

Background

The CSS property to change the background color of an element to Hex B000AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B000AB }
```

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

```
.background{ background-color:#B000AB }
```

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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