

# Converting Colors

Hex(B500AD)

Have a look what the booklet for  
Hex(B500AD) contains.

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**Color**

**Hex(B500AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B500AD
RGB	181, 0, 173
RGB Percent	71%, 0%, 68%
CMY	0.2902, 1.0000, 0.3216
CMYK	0.00, 1.00, 0.04, 0.29
HSL	303°, 100%, 35%
HSV	303°, 100%, 71%
XYZ	26.5989, 12.8409, 40.6118
YIQ	73.8410, 52.3430, 92.1750

# Conversions

## Conversions Part 2

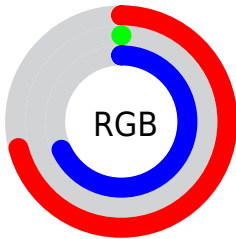
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 0, 173
Decimal	11862189
CIELab	42.52, 74.80, -43.07
CIELCh	43, 86.308, 330.068
Yxy	12.8409, 0.3323, 0.1604
Android (android.graphics.Color)	4290052269 (0xFFB500AD)
YUV	73.8410, 48.8854, 93.9784
Hunter-Lab	35.8342, 69.7866, -42.1109

# Details

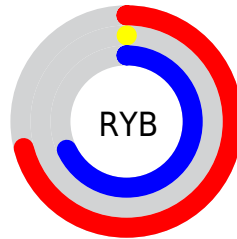
The Hex color **B500AD** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **00B508**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **F156E5**, and **7B0078** is the 20% darker color. If you saturate the color by 10%, you get **B500AD**, and if you desaturate by 10%, it is **B512AE**.

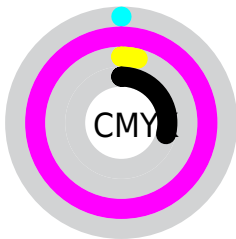
# Distribution



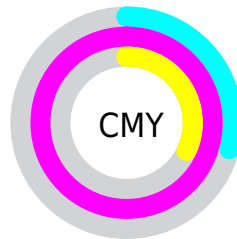
- Red (71%)
- Green (0%)
- Blue (68%)



- Red (71%)
- Yellow (0%)
- Blue (68%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B500AD 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 B500AD by changing the saturation by 10% instead.



 B500AD

 B500AD

FFFFFF

 980092

 F156E5

 7B0078

 FF74FF

 5F005E

 FF92FF

 440046

 FFAFFF

 28002F

 FFC0FF

 000119

 FFEAFF

 000000

 B500AD

 B512AE

 B524AF

 B536AF

 B548B0

 B55BB1

 B56DB2

 B57FB3

 B591B3

 B5A3B4

# Harmonies

## Analogous

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



4B51E2



B500AD



D80068

# Triad

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



B500AD



7B6200



0080AB

# Complementary

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



B500AD



00B508

# 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.



007F63



B500AD



2E7400

# Square

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



B500AD



B14000



007C0D



007DE2

# Rectangle

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



B500AD



D90039



007C0D



008094



# Sweetspot

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



B500AD



EBA4E7



0600B5



754B73



F5F5F5



757575



# Same Dimension

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



B500AD



EB00E0



B50054



595059



990092



1A0018



# Inverse Universe

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



B500AD



EB00E0



00B561



595059



990092



1A0018



# Previews

## White Background



This preview shows how the Hex color B500AD looks on a white background.

## Color Contrast Check

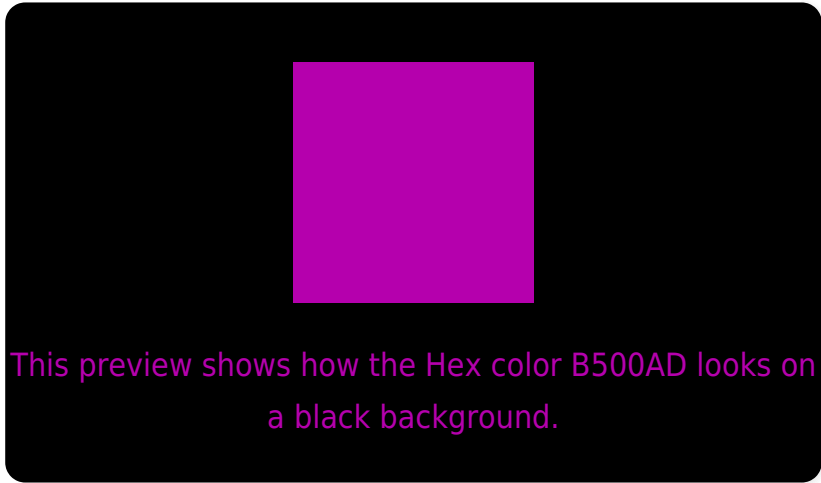
Large Text (above 18pt) WCAG AA ✓ Pass

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 B500AD Background



This preview shows how black text looks on a background with the Hex color B500AD.

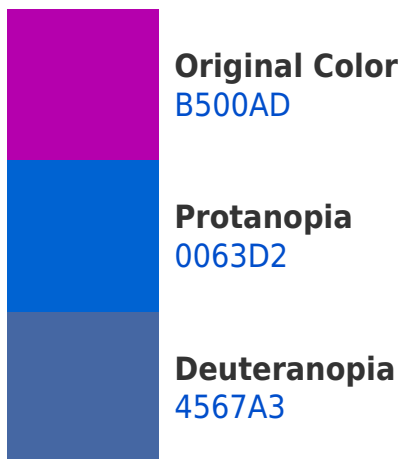



This preview shows how white text looks on a background with the Hex color B500AD.

# 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](#).

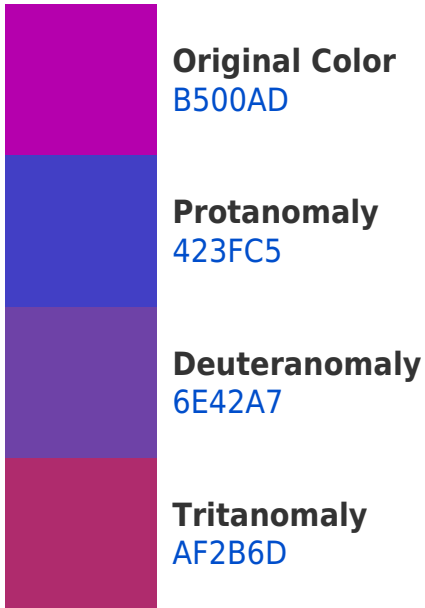
## Dichromacy



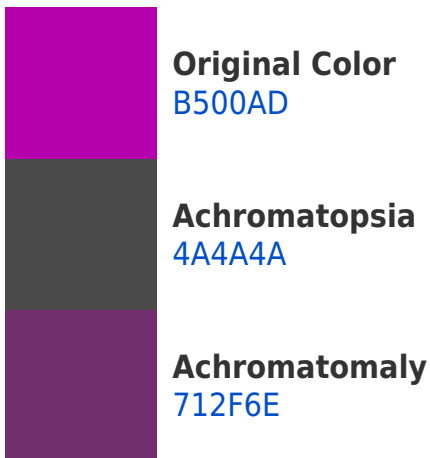


**Tritanopia**  
AB4448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B500AD 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 #B500AD looks like.

```
.text, #text, p{  
    color:#B500AD  
}
```

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 #B500AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B500AD
}
```

## Border

The CSS property to change the border of an element to Hex B500AD 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
#B500AD }
```

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

```
.border{ border-color:#B500AD }
```

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

Here you see how a box with a 4 pixel #B500AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B500AD; -webkit-box-shadow:4px 4px  
4px 4px #B500AD; box-shadow:4px 4px 4px  
4px #B500AD }
```

# Background

The CSS property to change the background color of an element to Hex B500AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B500AD }
```

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

```
.background{ background-color:#B500AD }
```

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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