

# Converting Colors

Hex(B500A1)

Have a look what the booklet for  
Hex(B500A1) contains.

<b>Hex(B500A1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B500A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B500A1
RGB	181, 0, 161
RGB Percent	71%, 0%, 63%
CMY	0.2902, 1.0000, 0.3686
CMYK	0.00, 1.00, 0.11, 0.29
HSL	307°, 100%, 35%
HSV	307°, 100%, 71%
XYZ	25.4891, 12.3970, 34.7676
YIQ	72.4730, 56.1950, 88.4430

# Conversions

## Conversions Part 2

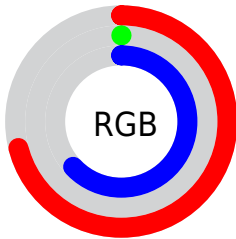
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 0, 161
Decimal	11862177
CIE <sub>Lab</sub>	41.84, 73.12, -36.98
CIE <sub>LCh</sub>	42, 81.940, 333.176
Yxy	12.3970, 0.3508, 0.1706
Android (android.graphics.Color)	4290052257 (0xFFB500A1)
YUV	72.4730, 43.6438, 95.1782
Hunter-Lab	35.2093, 67.6051, -33.8997

# Details

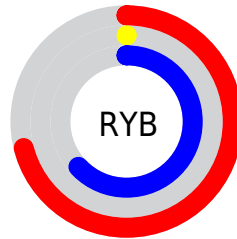
The Hex color **B500A1** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00B514**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **F156D8**, and **7B006D** is the 20% darker color. If you saturate the color by 10%, you get **B500A1**, and if you desaturate by 10%, it is **B512A3**.

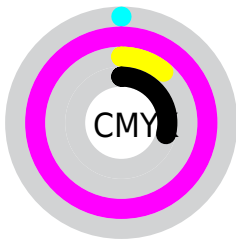
# Distribution



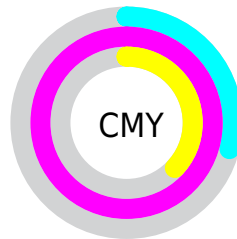
- Red (71%)
- Green (0%)
- Blue (63%)



- Red (71%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B500A1 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 B500A1 by changing the saturation by 10% instead.



 B500A1

 B500A1

FFFFFF

 980086

 F156D8

 7B006D

 FF74F5

 5F0054

 FF91FF

 45003C

 FFAEFF

 280026

 FFCBFF

 00010D

 FFE9FF

 000000

 B500A1

 B512A3

 B524A5

 B536A7

 B548A9

 B55BAB

 B56DAD

 B57FAF

 B591B1

 B5A3B3

# Harmonies

## Analogous

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



5E4CD6



B500A1



D2005F

# Triad

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



B500A1



736300



007DAC

# Complementary

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



B500A1



00B514

# 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.



007D68



B500A1



257200

# Square

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



B500A1



A74500



007A1D



0079DD

# Rectangle

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



B500A1



D00033



007A1D



007D97



# Sweetspot

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



B500A1



EBA4E3



1200B5



754B71



F5F5F5



757575



# Same Dimension

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



B500A1



EB00D1



B50048



595058



990088



1A0017



# Inverse Universe

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



B500A1



EB00D1



00B56D



595058



990088



1A0017



# Previews

## White Background



This preview shows how the Hex color B500A1 looks on a white background.

## Color Contrast Check

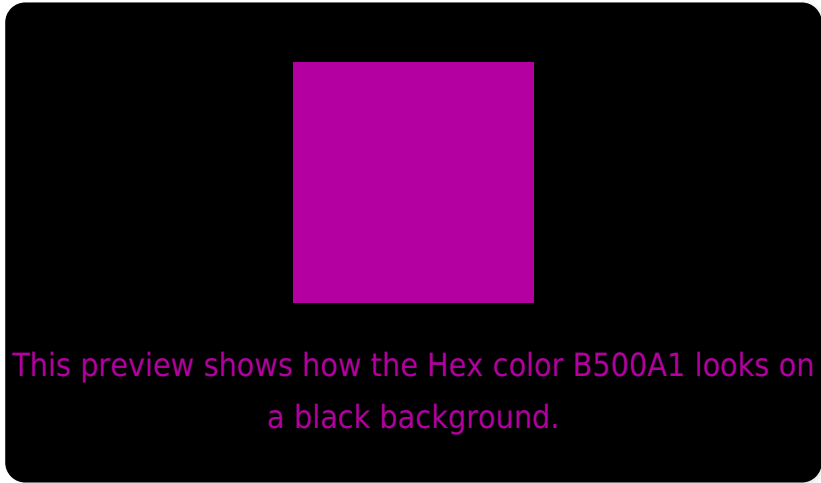
Large Text (above 18pt) WCAG AA ✓ Pass

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

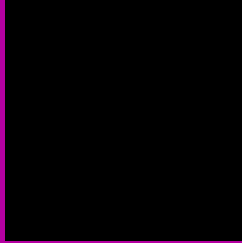
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B500A1 Background



This preview shows how black text looks on a background with the Hex color B500A1.



This preview shows how white text looks on a background with the Hex color B500A1.

# 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**  
AC3F43

# Trichromacy



**Original Color**  
B500A1



**Protanomaly**  
423EBE



**Deuteranomaly**  
73409B



**Tritanomaly**  
AF2865

# Monochromacy



**Original Color**  
B500A1



**Achromatopsia**  
484848



**Achromatomaly**  
702E68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B500A1 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 #B500A1 looks like.

```
.text, #text, p{  
    color:#B500A1  
}
```

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 #B500A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B500A1
}
```

## Border

The CSS property to change the border of an element to Hex B500A1 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
#B500A1 }
```

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

```
.border{ border-color:#B500A1 }
```

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

Here you see how a box with a 4 pixel #B500A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B500A1; -webkit-box-shadow:4px 4px  
4px 4px #B500A1; box-shadow:4px 4px 4px  
4px #B500A1 }
```

# Background

The CSS property to change the background color of an element to Hex B500A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B500A1 }
```

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

```
.background{ background-color:#B500A1 }
```

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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