

# Converting Colors

Hex(AB00A1)

Have a look what the booklet for  
Hex(AB00A1) contains.

<b>Hex(AB00A1)</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> .....	28

**Color**

**Hex(AB00A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB00A1
RGB	171, 0, 161
RGB Percent	67%, 0%, 63%
CMY	0.3294, 1.0000, 0.3686
CMYK	0.00, 1.00, 0.06, 0.33
HSL	304°, 100%, 34%
HSV	304°, 100%, 67%
XYZ	23.2276, 11.2311, 34.6618
YIQ	69.4830, 50.2350, 86.3230

# Conversions

## Conversions Part 2

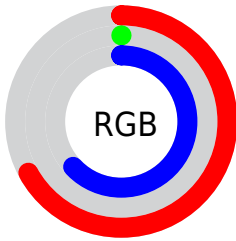
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 0, 161
Decimal	11206817
CIELab	39.97, 71.36, -40.07
CIELCh	40, 81.843, 330.689
Yxy	11.2311, 0.3360, 0.1625
Android (android.graphics.Color)	4289396897 (0xFFAB00A1)
YUV	69.4830, 45.1179, 89.0304
Hunter-Lab	33.5129, 65.0699, -37.8636

# Details

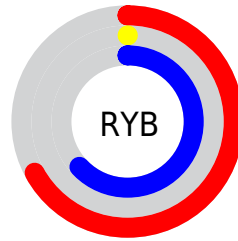
The Hex color **AB00A1** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00AB0A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E654D8**, and **72006D** is the 20% darker color. If you saturate the color by 10%, you get **AB00A1**, and if you desaturate by 10%, it is **AB11A2**.

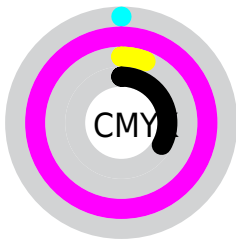
# Distribution



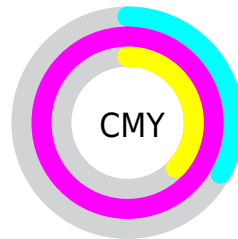
- Red (67%)
- Green (0%)
- Blue (63%)



- Red (67%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB00A1 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 AB00A1 by changing the saturation by 10% instead.



 AB00A1

 AB00A1

FFFFFF

 8E0086

 E654D8

 72006D

 FF71F5

 560054

 FF8EFF

 3D003C

 FFABFF

 1F0025

 FFC8FF

 00010D

 FFE6FF

 000000

 AB00A1

 AB11A2

 AB22A3

 AB33A4

 AB44A5

 AB55A6

 AB67A7

 AB78A8

 AB89A9

 AB9AAA

# Harmonies

## Analogous

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



4B4BD4



AB00A1



CB0060

# Triad

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



AB00A1



725D00



0078A2

# Complementary

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



AB00A1



00AB0A

# 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.



00775E



AB00A1



2A6D00

# Square

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



AB00A1



A53D00



007410



0075D4

# Rectangle

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



AB00A1



CB0035



007410



00788C



# Sweetspot

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



AB00A1



DE9BDA



0900AB



70486E



F0F0F0



707070



# Same Dimension

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



AB00A1



DE00D1



AB004D



574E56



96008E



170016



# Inverse Universe

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



AB00A1



DE00D1



00AB5E



574E56



96008E



170016



# Previews

## White Background



This preview shows how the Hex color AB00A1 looks on a white background.

## Color Contrast Check

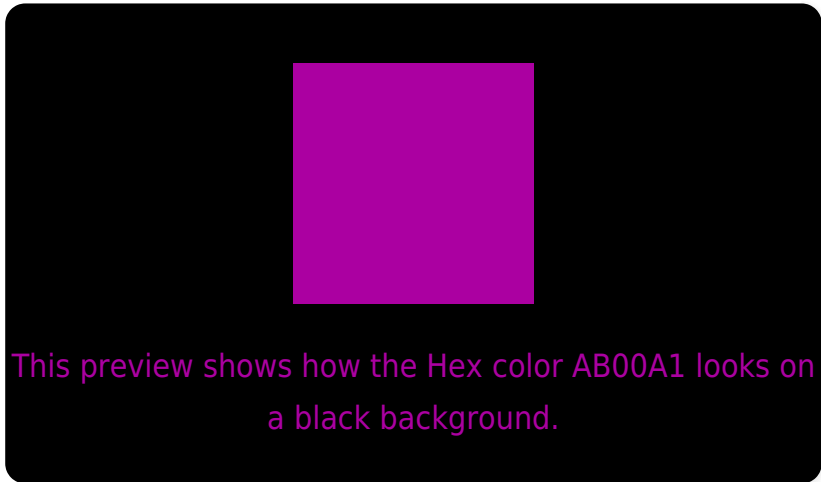
Large Text (above 18pt) WCAG AA ✓ Pass

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

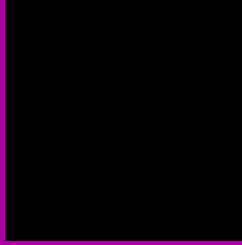
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AB00A1 Background



This preview shows how black text looks on a background with the Hex color AB00A1.

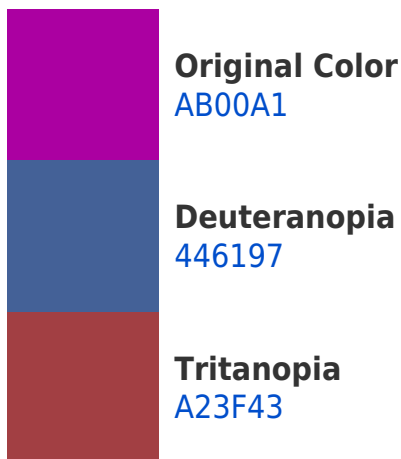


This preview shows how white text looks on a background with the Hex color AB00A1.

# 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**  
AB00A1

**Deuteranomaly**  
693E9B

**Tritanomaly**  
A52865

# Monochromacy



**Original Color**  
AB00A1

**Achromatopsia**  
454545

**Achromatomaly**  
6A2C66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB00A1 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 #AB00A1 looks like.

```
.text, #text, p{  
    color:#AB00A1  
}
```

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 #AB00A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB00A1
}
```

## Border

The CSS property to change the border of an element to Hex AB00A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

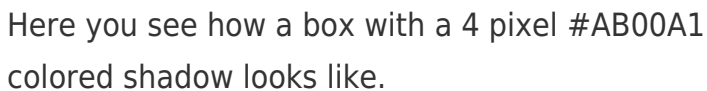
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB00A1 }
```

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

```
.border{ border-color:#AB00A1 }
```

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



Here you see how a box with a 4 pixel `#AB00A1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB00A1; -webkit-box-shadow:4px 4px  
4px 4px #AB00A1; box-shadow:4px 4px 4px  
4px #AB00A1 }
```

# Background

The CSS property to change the background color of an element to Hex AB00A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB00A1 }
```

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

```
.background{ background-color:#AB00A1 }
```

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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