

# Converting Colors

Hex(AB06AB)

Have a look what the booklet for  
Hex(AB06AB) contains.

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**Color**

**Hex(AB06AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB06AB
RGB	171, 6, 171
RGB Percent	67%, 2%, 67%
CMY	0.3294, 0.9765, 0.3294
CMYK	0.00, 0.96, 0.00, 0.33
HSL	300°, 93%, 35%
HSV	300°, 96%, 67%
XYZ	24.2104, 11.7285, 39.5159
YIQ	74.1450, 45.3750, 86.2950

# Conversions

## Conversions Part 2

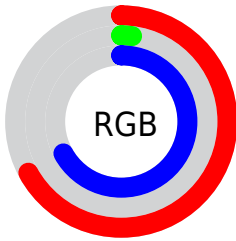
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 6, 171
Decimal	11208363
CIELab	40.78, 72.20, -44.76
CIELCh	41, 84.952, 328.204
Yxy	11.7285, 0.3209, 0.1554
Android (android.graphics.Color)	4289398443 (0xFFAB06AB)
YUV	74.1450, 47.7495, 84.9418
Hunter-Lab	34.2468, 66.2566, -44.4393

# Details

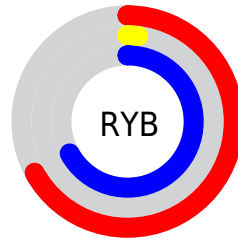
The Hex color **AB06AB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **06AB06**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **E656E3**, and **720076** is the 20% darker color. If you saturate the color by 10%, you get **AB00AB**, and if you desaturate by 10%, it is **AB17AB**.

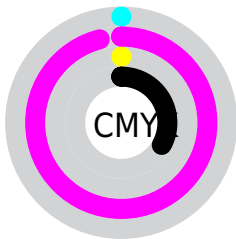
# Distribution



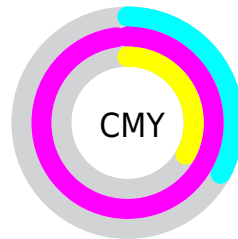
- Red (67%)
- Green (2%)
- Blue (67%)



- Red (67%)
- Yellow (2%)
- Blue (67%)



- Cyan (0%)
- Magenta (96%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (98%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB06AB 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 AB06AB by changing the saturation by 10% instead.



 AB06AB

 AB06AB

FFFFFF

 8E0090

 E656E3

 720076

 FF73FF

 56005D

 FF90FF

 3C0045

 FFADFF

 1F002D

 FFCAFF

 000117

 FFE8FF

 000000

 AB06AB

 AB06AB

 AB00AB

 AB17AB

 AB28AB

 AB39AB

 AB4AAB

 AB5BAB

 AB6DAB

 AB7EAB

 AB8FAB

 ABA0AB

# Harmonies

## Analogous

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



384FDE



AB06AB



D00068

# Triad

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



AB06AB



795D00



007BA1

# Complementary

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



AB06AB



06AB06

# 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.



007A5A



AB06AB



316E00

# Square

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



AB06AB



AD3900



007700



0078D8

# Rectangle

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



AB06AB



D2003A



007700



007B8A



# Sweetspot

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



AB06AB



DE9EDE



0606AB



704970



F0F0F0



707070



# Same Dimension

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



AB06AB



DE00DE



AB0658



574E57



960096



170017



# Inverse Universe

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



AB06AB



DE00DE



06AB58



574E57



960096



170017



# Previews

## White Background



This preview shows how the Hex color AB06AB looks on a white background.

## Color Contrast Check

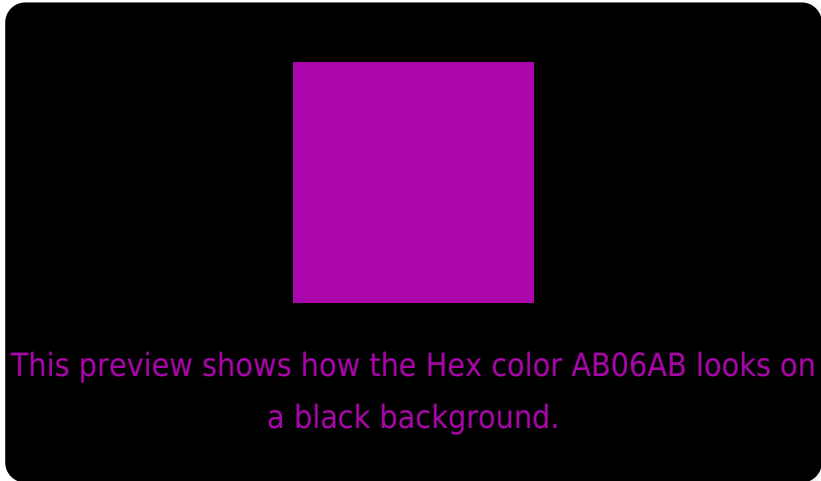
Large Text (above 18pt) WCAG AA ✓ Pass

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

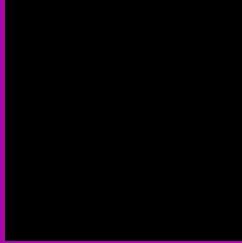
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AB06AB Background



This preview shows how black text looks on a background with the Hex color AB06AB.

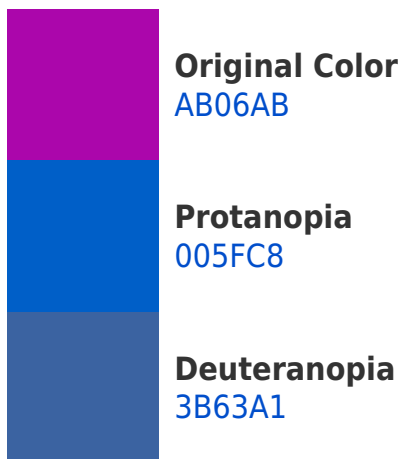



This preview shows how white text looks on a background with the Hex color AB06AB.

# 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**  
A04348

# Trichromacy



**Original Color**  
AB06AB



**Protanomaly**  
3E3FBD



**Deuteranomaly**  
6441A5



**Tritanomaly**  
A42D6C

# Monochromacy



**Original Color**  
AB06AB



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
6D316D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB06AB 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 #AB06AB looks like.

```
.text, #text, p{  
    color:#AB06AB  
}
```

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 #AB06AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB06AB
}
```

## Border

The CSS property to change the border of an element to Hex AB06AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

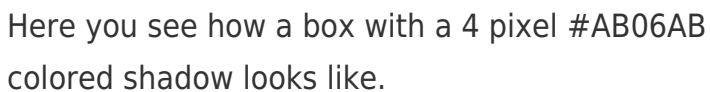
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB06AB }
```

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

```
.border{ border-color:#AB06AB }
```

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



Here you see how a box with a 4 pixel `#AB06AB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB06AB; -webkit-box-shadow:4px 4px  
4px 4px #AB06AB; box-shadow:4px 4px 4px  
4px #AB06AB }
```

# Background

The CSS property to change the background color of an element to Hex AB06AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB06AB }
```

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

```
.background{ background-color:#AB06AB }
```

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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