

# Converting Colors

Hex(A008AB)

Have a look what the booklet for  
Hex(A008AB) contains.

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**Color**

**Hex(A008AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A008AB
RGB	160, 8, 171
RGB Percent	63%, 3%, 67%
CMY	0.3725, 0.9686, 0.3294
CMYK	0.06, 0.95, 0.00, 0.33
HSL	296°, 91%, 35%
HSV	296°, 95%, 67%
XYZ	21.9347, 10.5875, 39.4156
YIQ	72.0300, 38.2690, 82.9170

# Conversions

## Conversions Part 2

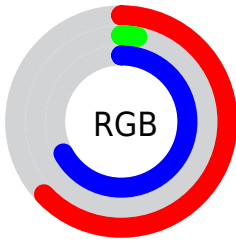
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 8, 171
Decimal	10487979
CIELab	38.88, 70.15, -47.92
CIElCh	39, 84.959, 325.662
Yxy	10.5875, 0.3049, 0.1472
Android (android.graphics.Color)	4288678059 (0xFFA008AB)
YUV	72.0300, 48.7922, 77.1497
Hunter-Lab	32.5385, 63.3875, -49.0442

# Details

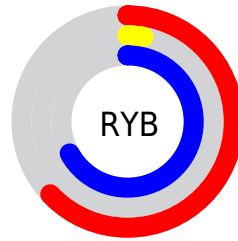
The Hex color **A008AB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **13AB08**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **DA54E3**, and **670076** is the 20% darker color. If you saturate the color by 10%, you get **9F00AB**, and if you desaturate by 10%, it is **A119AB**.

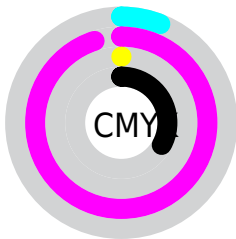
# Distribution



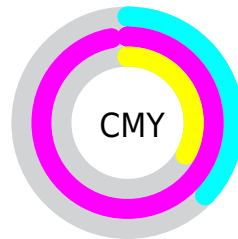
- Red (63%)
- Green (3%)
- Blue (67%)



- Red (63%)
- Yellow (3%)
- Blue (67%)



- Cyan (6%)
- Magenta (95%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (97%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A008AB 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 A008AB by changing the saturation by 10% instead.



 A008AB

 A008AB

FFFFFF

 830090

 DA54E3

 670076


 F871FF

 4C005C

 FF8EFF

 330044

 FFABFF

 11002D

 FFC8FF

 000117

 FFE5FF

 000000

 A008AB

 A008AB

 9F00AB

 A119AB

 A22AAB

 A33BAB

 A54CAB

 A65DAB

 A76FAB

 A880AB

 A991AB

 AAA2AB

# Harmonies

## Analogous

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



004EDB



A008AB



C90069

# Triad

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



A008AB



795600



007696

# Complementary

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



A008AB



13AB08

# 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.



00754F



A008AB



336900

# Square

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



A008AB



AA3000



007100



0074CF

# Rectangle

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



A008AB



CD003C



007100



00767F



# Sweetspot

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



A008AB



DA9EDE



0816AB



6E4970



F0F0F0



707070



# Same Dimension

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



A008AB



CF00DE



AB0867



564E57



8C0096



150017



# Inverse Universe

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



AB0813



DE000F



08AB4C



574E4F



96000A



170002



# Previews

## White Background



This preview shows how the Hex color A008AB looks on a white background.

## Color Contrast Check

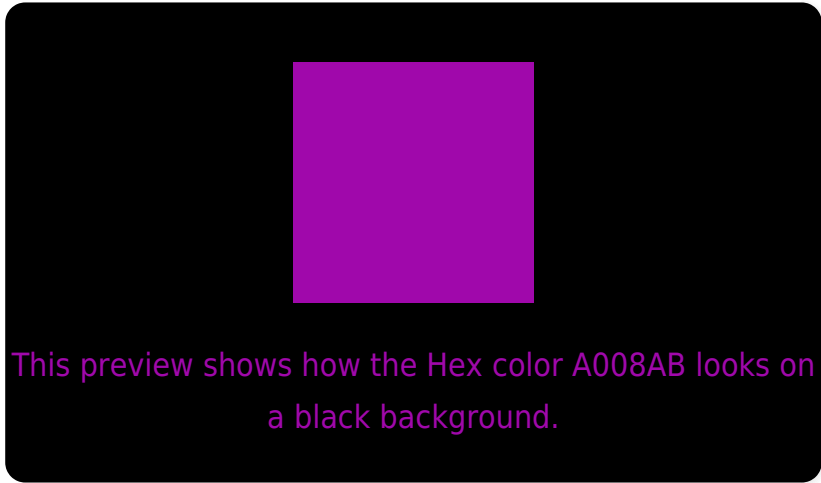
Large Text (above 18pt) WCAG AA ✓ Pass

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

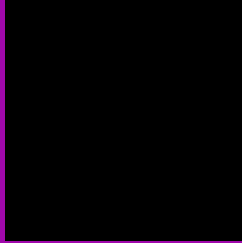
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A008AB Background



This preview shows how black text looks on a background with the Hex color A008AB.

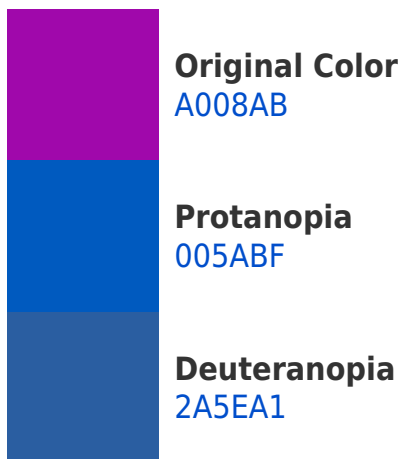



This preview shows how white text looks on a background with the Hex color A008AB.

# 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**  
944348

# Trichromacy



**Original Color**  
A008AB



**Protanomaly**  
3A3CB8



**Deuteranomaly**  
553FA5



**Tritanomaly**  
982E6C

# Monochromacy



**Original Color**  
A008AB



**Achromatopsia**  
484848



**Achromatomaly**  
68316C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A008AB 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 #A008AB looks like.

```
.text, #text, p{  
    color:#A008AB  
}
```

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 #A008AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A008AB
}
```

## Border

The CSS property to change the border of an element to Hex A008AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

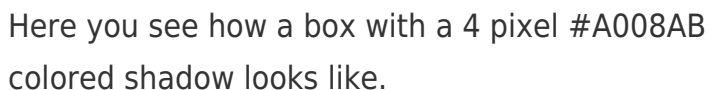
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A008AB }
```

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

```
.border{ border-color:#A008AB }
```

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



Here you see how a box with a 4 pixel #A008AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A008AB; -webkit-box-shadow:4px 4px  
4px 4px #A008AB; box-shadow:4px 4px 4px  
4px #A008AB }
```

# Background

The CSS property to change the background color of an element to Hex A008AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A008AB }
```

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

```
.background{ background-color:#A008AB }
```

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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