

# Converting Colors

Hex(AB008A)

Have a look what the booklet for  
Hex(AB008A) contains.

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**Color**

**Hex(AB008A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB008A
RGB	171, 0, 138
RGB Percent	67%, 0%, 54%
CMY	0.3294, 1.0000, 0.4588
CMYK	0.00, 1.00, 0.19, 0.33
HSL	312°, 100%, 34%
HSV	312°, 100%, 67%
XYZ	21.3820, 10.4929, 24.9431
YIQ	66.8610, 57.6180, 79.1700

# Conversions

## Conversions Part 2

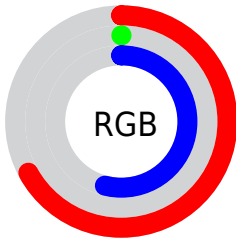
Format	Color
R <sub>Y</sub> B	171, 0, 138
Decimal	11206794
CIE Lab	38.71, 68.26, -28.04
CIE LCh	39, 73.797, 337.667
Yxy	10.4929, 0.3763, 0.1847
Android (android.graphics.Color)	4289396874 (0xFFAB008A)
YUV	66.8610, 35.0715, 91.3299
Hunter-Lab	32.3928, 61.1382, -22.9797

# Details

The Hex color **AB008A** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00AB21**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **E652C0**, and **720058** is the 20% darker color. If you saturate the color by 10%, you get **AB008A**, and if you desaturate by 10%, it is **AB118D**.

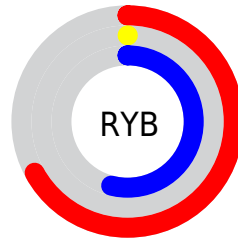
# Distribution



Red (67%)

Green (0%)

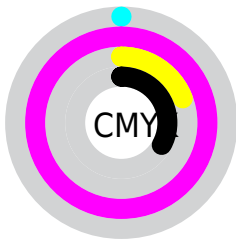
Blue (54%)



Red (67%)

Yellow (0%)

Blue (54%)

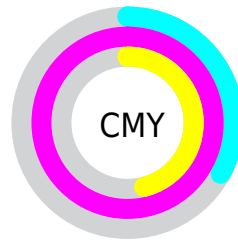


Cyan (0%)

Magenta (100%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB008A 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 AB008A by changing the saturation by 10% instead.



 AB008A

 AB008A

FFFFFF

 8E0070

 E652C0

 720058

 FF70DC

 560040

 FF8CF8

 3C002A

 FFA9FF

 1D0013

 FFC6FF

 000000

 FFE4FF

 AB008A

 AB118D

 AB2291

 AB3394

 AB4497

 AB559A

 AB679E

 AB78A1

 AB89A4

 AB9AA8

# Harmonies

## Analogous

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



6A41BC



AB008A



C0004F

# Triad

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



AB008A



625E00



0073A4

# Complementary

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



AB008A



00AB21

# 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.



00736A



AB008A



146B00

# Square

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



AB008A



934600



007129



006ECC

# Rectangle

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



AB008A



BB0028



007129



007392



# Sweetspot

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



AB008A



DE9BD1



1F00AB



704868



F0F0F0



707070



# Same Dimension

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



AB008A



DE00B3



AB0036



574E55



960079



170013



# Inverse Universe

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



AB008A



DE00B3



00AB75



574E55



960079



170013



# Previews

## White Background



This preview shows how the Hex color AB008A looks on a white background.

## Color Contrast Check

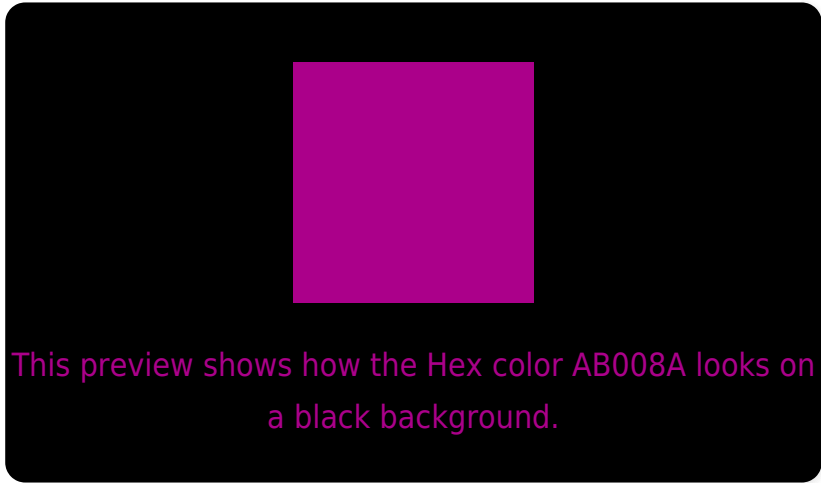
Large Text (above 18pt) WCAG AA ✓ Pass

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

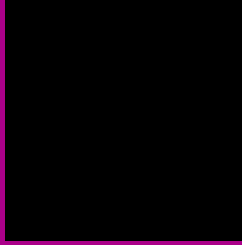
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AB008A Background



This preview shows how black text looks on a background with the Hex color AB008A.

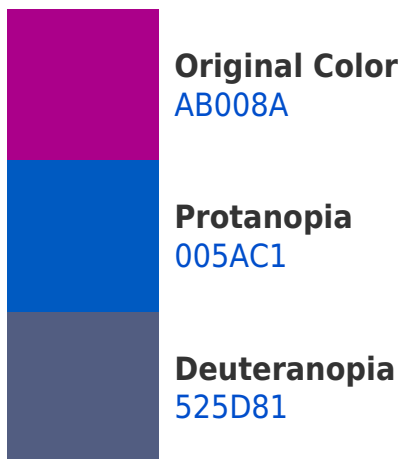


This preview shows how white text looks on a background with the Hex color AB008A.

# 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**  
A43639

# Trichromacy



**Original Color**  
AB008A



**Protanomaly**  
3E39AD



**Deuteranomaly**  
723B84



**Tritanomaly**  
A72256

# Monochromacy



**Original Color**  
AB008A



**Achromatopsia**  
434343



**Achromatomaly**  
692B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB008A 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 #AB008A looks like.

```
.text, #text, p{  
    color:#AB008A  
}
```

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 #AB008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB008A
}
```

## Border

The CSS property to change the border of an element to Hex AB008A is called "border". The border property can be set on classes, ids or directly on the HTML element.

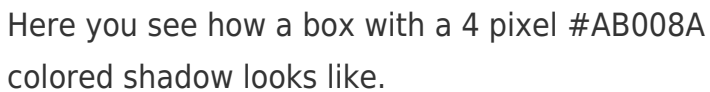
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB008A }
```

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

```
.border{ border-color:#AB008A }
```

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



Here you see how a box with a 4 pixel `#AB008A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB008A; -webkit-box-shadow:4px 4px  
4px 4px #AB008A; box-shadow:4px 4px 4px  
4px #AB008A }
```

# Background

The CSS property to change the background color of an element to Hex AB008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB008A }
```

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

```
.background{ background-color:#AB008A }
```

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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