

# Converting Colors

Hex(AB006C)

Have a look what the booklet for  
Hex(AB006C) contains.

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# Color

**Hex(AB006C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB006C
RGB	171, 0, 108
RGB Percent	67%, 0%, 42%
CMY	0.3294, 1.0000, 0.5765
CMYK	0.00, 1.00, 0.37, 0.33
HSL	322°, 100%, 34%
HSV	322°, 100%, 67%
XYZ	19.5014, 9.7406, 15.0397
YIQ	63.4410, 67.2480, 69.8400

# Conversions

## Conversions Part 2

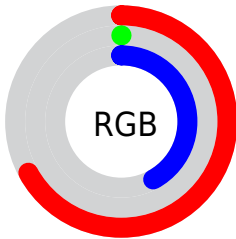
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 0, 108
Decimal	11206764
CIELab	37.37, 64.85, -11.36
CIELCh	37, 65.835, 350.062
Yxy	9.7406, 0.4404, 0.2200
Android (android.graphics.Color)	4289396844 (0xFFAB006C)
YUV	63.4410, 21.9676, 94.3292
Hunter-Lab	31.2100, 56.9171, -6.7240

# Details

The Hex color **AB006C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00AB3F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **E7519F**, and **71003D** is the 20% darker color. If you saturate the color by 10%, you get **AB006C**, and if you desaturate by 10%, it is **AB1172**.

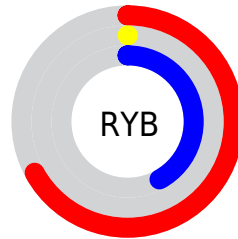
# Distribution



Red (67%)

Green (0%)

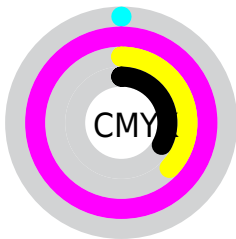
Blue (42%)



Red (67%)

Yellow (0%)

Blue (42%)

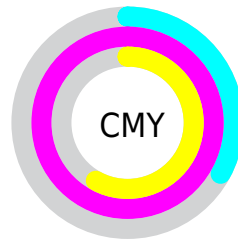


Cyan (0%)

Magenta (100%)

Yellow (37%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB006C 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 AB006C by changing the saturation by 10% instead.



 AB006C

 AB006C

FFFFFF

 8E0054

 E7519F

 71003D

 FF6EBA

 550027

 FF8AD6

 3A0012

 FFA7F3

 160000

 FFC4FF

 000000

 FFE1FF

 AB006C

 AB1172

 AB2279

 AB337F

 AB4485

 AB558B

 AB6792

 AB7898

 AB899E

 AB9AA5

# Harmonies

## Analogous

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



84349D



AB006C



B10537

# Triad

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



AB006C



4B6000



006CA9

# Complementary

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



AB006C



00AB3F

# 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.



006E7B



AB006C



006901

# Square

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



AB006C



7B4F00



006D44



0064C2

# Rectangle

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



AB006C



A72814



006D44



006D9C



# Sweetspot

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



AB006C



DE9BC5



3F00AB



704861



F0F0F0



707070



# Same Dimension

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



AB006C



DE008C



AB0017



574E54



96005F



17000E



# Inverse Universe

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



AB006C



DE008C



00AB94



574E54



96005F



17000E



# Previews

## White Background



This preview shows how the Hex color AB006C looks on a white background.

## Color Contrast Check

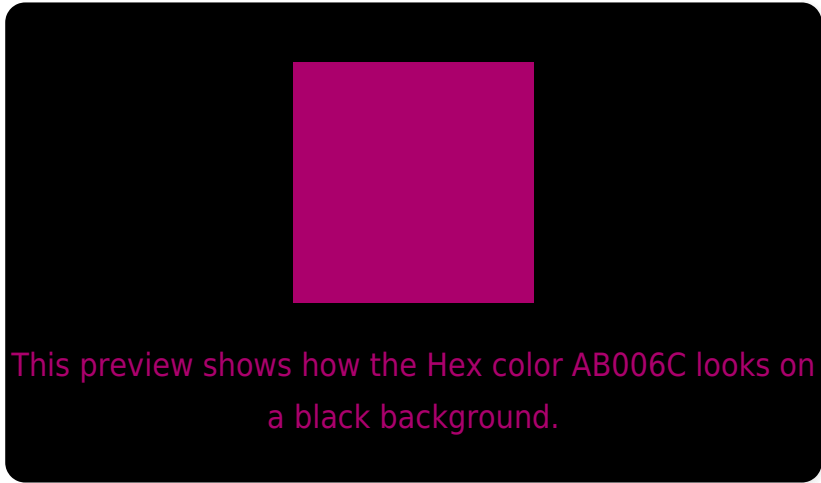
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 AB006C Background



This preview shows how black text looks on a background with the Hex color AB006C.



This preview shows how white text looks on a background with the Hex color AB006C.

# 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**  
A72B2C

# Trichromacy



**Original Color**  
AB006C

**Protanomaly**  
66398A

**Deuteranomaly**  
7B3867

**Tritanomaly**  
A81B43

# Monochromacy



**Original Color**  
AB006C

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
66284F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB006C 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 #AB006C looks like.

```
.text, #text, p{  
    color:#AB006C  
}
```

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 #AB006C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB006C
}
```

## Border

The CSS property to change the border of an element to Hex AB006C is called "border". The border property can be set on classes, ids or directly on the HTML element.

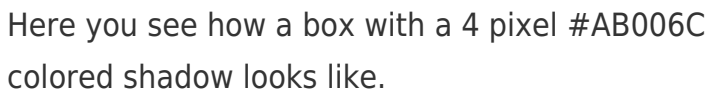
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB006C }
```

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

```
.border{ border-color:#AB006C }
```

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



Here you see how a box with a 4 pixel `#AB006C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB006C; -webkit-box-shadow:4px 4px  
4px 4px #AB006C; box-shadow:4px 4px 4px  
4px #AB006C }
```

# Background

The CSS property to change the background color of an element to Hex AB006C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB006C }
```

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

```
.background{ background-color:#AB006C }
```

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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