

Converting Colors

Hex(AB0068)

Have a look what the booklet for
Hex(AB0068) contains.

Hex(AB0068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AB0068)

Conversions

Conversions Part 1

Format	Color
Hex	AB0068
RGB	171, 0, 104
RGB Percent	67%, 0%, 41%
CMY	0.3294, 1.0000, 0.5922
CMYK	0.00, 1.00, 0.39, 0.33
HSL	324°, 100%, 34%
HSV	324°, 100%, 67%
XYZ	19.2933, 9.6574, 13.9439
YIQ	62.9850, 68.5320, 68.5960

Conversions

Conversions Part 2

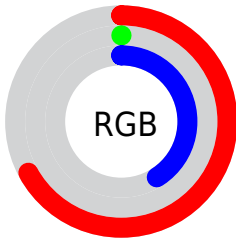
Format	Color
RYB	171, 0, 104
Decimal	11206760
CIELab	37.22, 64.45, -9.05
CIELCh	37, 65.084, 352.006
Yxy	9.6574, 0.4498, 0.2251
Android (android.graphics.Color)	4289396840 (0xFFAB0068)
YUV	62.9850, 20.2204, 94.7292
Hunter-Lab	31.0764, 56.4353, -4.8498

Details

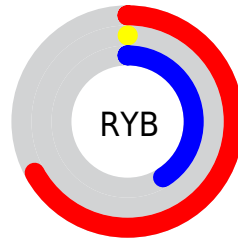
The Hex color **AB0068** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00AB43**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **E7519B**, and **710039** is the 20% darker color. If you saturate the color by 10%, you get **AB0068**, and if you desaturate by 10%, it is **AB116F**.

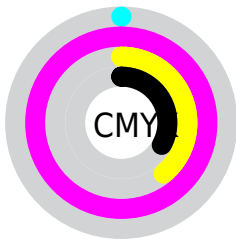
Distribution



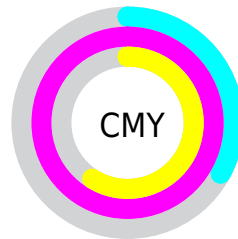
- Red (67%)
- Green (0%)
- Blue (41%)



- Red (67%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB0068 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 AB0068 by changing the saturation by 10% instead.

 AB0068

 AB0068

FFFFFF

 8E0050

 E7519B

 710039

 FF6EB6

 540024

 FF8AD2

 3A000D

 FFA7EE

 150000

 FFC4FF

 000000

 FFE1FF

 AB0068

 AB116F

 AB2275

 AB337C

 AB4483

 AB5589

 AB6790

 AB7897

 AB899E

 AB9AA4

Harmonies

Analogous

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



873199



AB0068



AF0C34

Triad

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



AB0068



476000



006BAA

Complementary

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



AB0068



00AB43

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.



006D7E



AB0068



006908

Square

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



AB0068



775100



006C47



0063C1

Rectangle

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



AB0068



A42B11



006C47



006C9D

Sweetspot

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



AB0068



DE9BC4



4200AB



704860



F0F0F0



707070

Same Dimension

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



AB0068



DE0087



AB0014



574E53



96005C



17000E

Inverse Universe

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



AB0068



DE0087



00AB97



574E53



96005C



17000E

Previews

White Background



This preview shows how the Hex color AB0068 looks on a white background.

Color Contrast Check

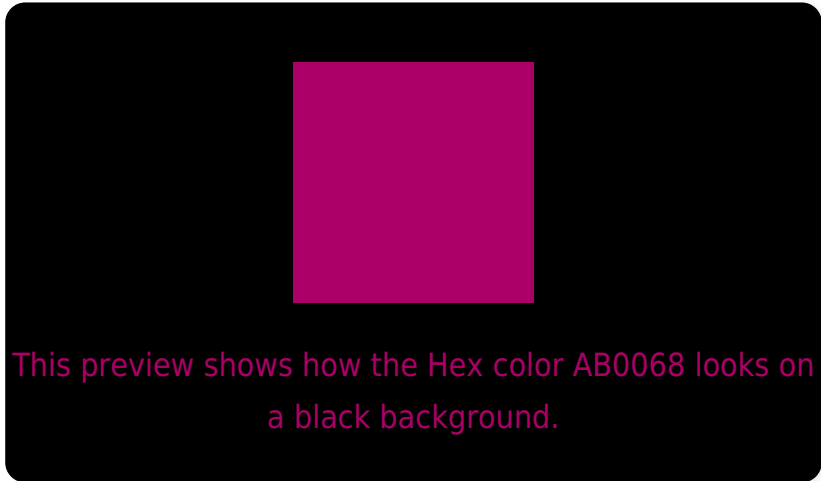
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB0068 Background



This preview shows how black text looks on a background with the Hex color AB0068.



This preview shows how white text looks on a background with the Hex color AB0068.

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
A7292A

Trichromacy



Original Color
AB0068



Protanomaly
683885



Deuteranomaly
7B3864



Tritanomaly
A81A41

Monochromacy



Original Color
AB0068



Achromatopsia
3F3F3F



Achromatomaly
66284E

CSS Examples

Text

The CSS property to change the color of the text to Hex AB0068 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 #AB0068 looks like.

```
.text, #text, p{  
    color:#AB0068  
}
```

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 #AB0068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB0068
}
```

Border

The CSS property to change the border of an element to Hex AB0068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

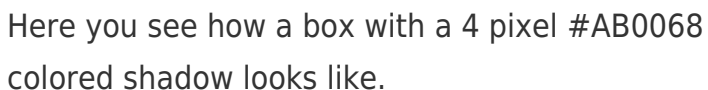
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB0068 }
```

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

```
.border{ border-color:#AB0068 }
```

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



Here you see how a box with a 4 pixel #AB0068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB0068; -webkit-box-shadow:4px 4px  
4px 4px #AB0068; box-shadow:4px 4px 4px  
4px #AB0068 }
```

Background

The CSS property to change the background color of an element to Hex AB0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB0068 }
```

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

```
.background{ background-color:#AB0068 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor