

# Converting Colors

Hex(AB003D)

Have a look what the booklet for  
Hex(AB003D) contains.

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# Color

**Hex(AB003D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB003D
RGB	171, 0, 61
RGB Percent	67%, 0%, 24%
CMY	0.3294, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.64, 0.33
HSL	339°, 100%, 34%
HSV	339°, 100%, 67%
XYZ	17.6369, 8.9948, 5.2215
YIQ	58.0830, 82.3350, 55.2230

# Conversions

## Conversions Part 2

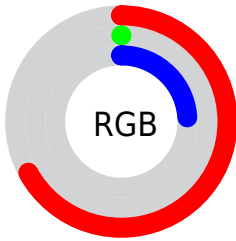
Format	Color
<a href="#">RYB</a>	<a href="#">171, 0, 61</a>
Decimal	<a href="#">11206717</a>
CIELab	<a href="#">35.97, 61.16, 16.95</a>
CIELCh	<a href="#">36, 63.466, 15.489</a>
Yxy	<a href="#">8.9948, 0.5537, 0.2824</a>
Android (android.graphics.Color)	<a href="#">4289396797 (0xFFAB003D)</a>
YUV	<a href="#">58.0830, 1.4381, 99.0282</a>
Hunter-Lab	<a href="#">29.9914, 52.4846, 10.6716</a>

# Details

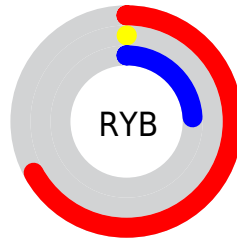
The Hex color **AB003D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00AB6E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **E94F6C**, and **6F0014** is the 20% darker color. If you saturate the color by 10%, you get **AB003D**, and if you desaturate by 10%, it is **AB1148**.

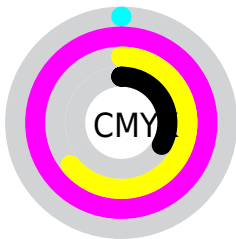
# Distribution



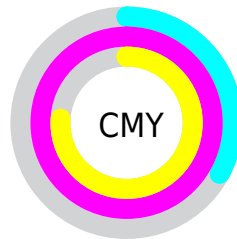
- Red (67%)
- Green (0%)
- Blue (24%)



- Red (67%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB003D 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 AB003D by changing the saturation by 10% instead.



 AB003D

 AB003D

FFFFFF

 8D0028

 E94F6C

 6F0014

 FF6B85

 510001

 FF889F

 350002

 FFA4BA

 020000

 FFC1D6

 000000

 FFDEF2

 FFFCFF

 AB003D

 AB1148

 AB2253

 AB335E

 AB4469

 AB5574

 AB677F

 AB788A

 AB8995

 AB9AA0

# Harmonies

## Analogous

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



A10D70



AB003D



9C2D08

# Triad

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



AB003D



006400



0062B8

# Complementary

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



AB003D



00AB6E

# 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.



00699D



AB003D



006839

# Square

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



AB003D



505A00



006A6F



0052B8

# Rectangle

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



AB003D



884100



006A6F



0065B2



# Sweetspot

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



AB003D



DE9BB3



6C00AB



704856



F0F0F0



707070



# Same Dimension

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



AB003D



DE004F



AB1700



574E51



960036



170008



# Inverse Universe

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



AB003D



DE004F



0094AB



574E51



960036



170008



# Previews

## White Background



This preview shows how the Hex color AB003D looks on a white background.

## Color Contrast Check

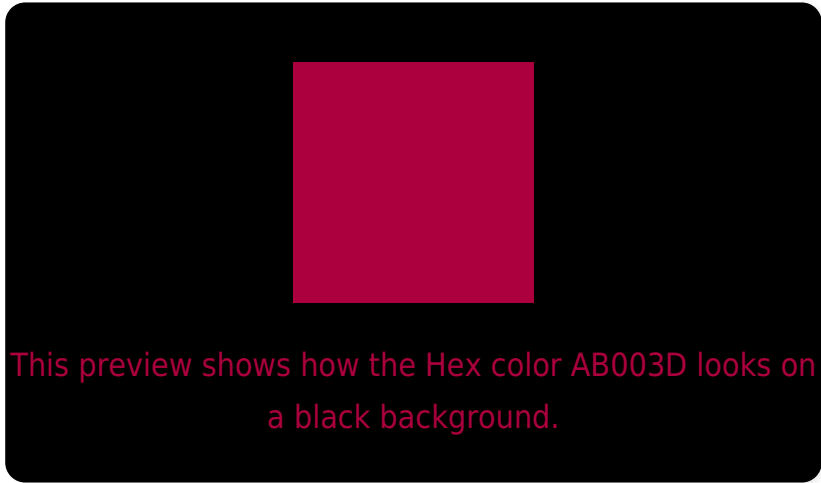
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB003D Background



This preview shows how black text looks on a background with the Hex color AB003D.



This preview shows how white text looks on a background with the Hex color AB003D.

# 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



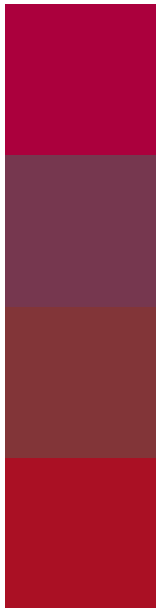
**Original Color**  
AB003D

**Protanopia**  
58575A

**Deuteranopia**  
6A5435



# Trichromacy



**Original Color**  
AB003D

**Protanomaly**  
76374F

**Deuteranomaly**  
823538

**Tritanomaly**  
AA1024

# Monochromacy



**Original Color**  
AB003D

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
63253B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB003D 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 #AB003D looks like.

```
.text, #text, p{  
    color:#AB003D  
}
```

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 #AB003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB003D
}
```

## Border

The CSS property to change the border of an element to Hex AB003D 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
#AB003D }
```

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

```
.border{ border-color:#AB003D }
```

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

Here you see how a box with a 4 pixel #AB003D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB003D; -webkit-box-shadow:4px 4px  
4px 4px #AB003D; box-shadow:4px 4px 4px  
4px #AB003D }
```

# Background

The CSS property to change the background color of an element to Hex AB003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB003D }
```

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

```
.background{ background-color:#AB003D }
```

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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