

Converting Colors

Hex(AB0038)

Have a look what the booklet for
Hex(AB0038) contains.

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Color

Hex(AB0038)

Conversions

Conversions Part 1

Format	Color
Hex	AB0038
RGB	171, 0, 56
RGB Percent	67%, 0%, 22%
CMY	0.3294, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.67, 0.33
HSL	340°, 100%, 34%
HSV	340°, 100%, 67%
XYZ	17.5084, 8.9435, 4.5448
YIQ	57.5130, 83.9400, 53.6680

Conversions

Conversions Part 2

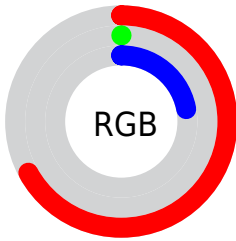
Format	Color
RYB	171, 0, 56
Decimal	11206712
CIELab	35.88, 60.89, 20.06
CIELCh	36, 64.114, 18.236
Yxy	8.9435, 0.5648, 0.2885
Android (android.graphics.Color)	4289396792 (0xFFAB0038)
YUV	57.5130, -0.7459, 99.5281
Hunter-Lab	29.9056, 52.1690, 11.9234

Details

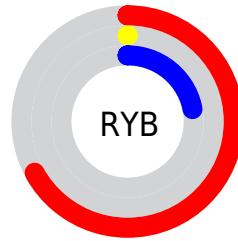
The Hex color **AB0038** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00AB73**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **E94F66**, and **6F000E** is the 20% darker color. If you saturate the color by 10%, you get **AB0038**, and if you desaturate by 10%, it is **AB1144**.

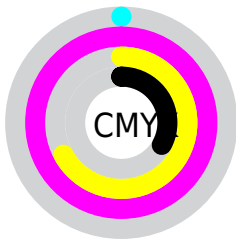
Distribution



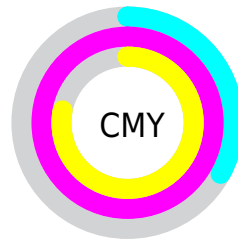
- Red (67%)
- Green (0%)
- Blue (22%)



- Red (67%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB0038 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 AB0038 by changing the saturation by 10% instead.

 AB0038

 AB0038

FFFFFF

 8D0023

 E94F66

 6F000E

 FF6B7F

 510001

 FF8799

 340002

 FFA4B4

 000000

 FFC1D0

 FFDEEC

 FFFCFF

 AB0038

 AB1144

 AB224F

 AB335B

 AB4466

 AB5572

 AB677D

 AB7889

 AB8994

 AB9A9F

Harmonies

Analogous

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



A3036B



AB0038



9A3000

Triad

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



AB0038



006400



0061BA

Complementary

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



AB0038



00AB73

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.



0068A1



AB0038



00683E

Square

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



AB0038



4B5B00



006A73



0050B8

Rectangle

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



AB0038



854300



006A73



0064B5

Sweetspot

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



AB0038



DE9BB1



7200AB



704855



F0F0F0



707070

Same Dimension

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



AB0038



DE0049



AB1C00



574E51



960031



170008

Inverse Universe

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



AB0038



DE0049



008EAB



574E51



960031



170008

Previews

White Background



This preview shows how the Hex color AB0038 looks on a white background.

Color Contrast Check

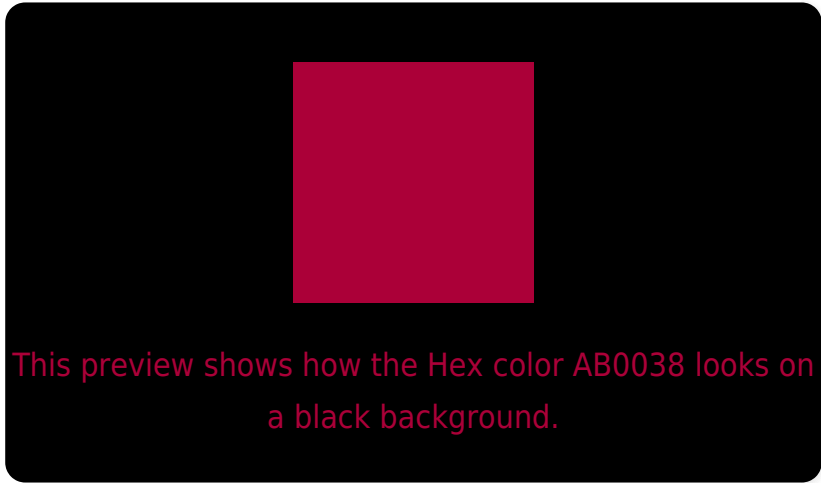
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB0038 Background



This preview shows how black text looks on a background with the Hex color AB0038.

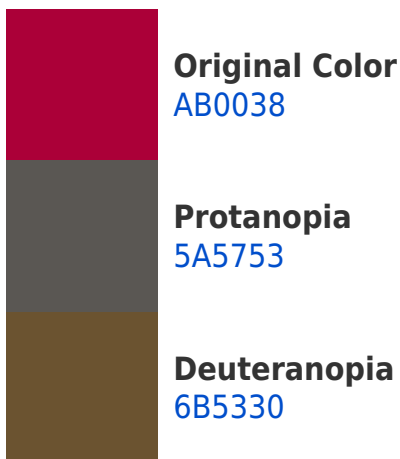


This preview shows how white text looks on a background with the Hex color AB0038.

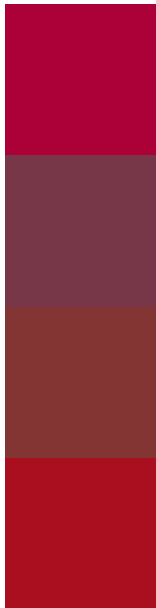
Color Blindness Simulation

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



Trichromacy



Original Color
AB0038

Protanomaly
773749

Deuteranomaly
823533

Tritanomaly
AA0F20

Monochromacy



Original Color
AB0038

Achromatopsia
3A3A3A

Achromatomaly
632539

CSS Examples

Text

The CSS property to change the color of the text to Hex AB0038 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 #AB0038 looks like.

```
.text, #text, p{  
    color:#AB0038  
}
```

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 #AB0038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB0038
}
```

Border

The CSS property to change the border of an element to Hex AB0038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

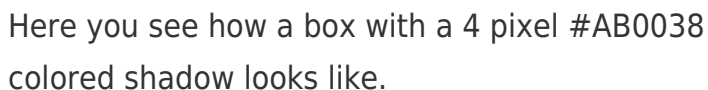
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB0038 }
```

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

```
.border{ border-color:#AB0038 }
```

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



Here you see how a box with a 4 pixel `#AB0038` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB0038; -webkit-box-shadow:4px 4px  
4px 4px #AB0038; box-shadow:4px 4px 4px  
4px #AB0038 }
```

Background

The CSS property to change the background color of an element to Hex AB0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB0038 }
```

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

```
.background{ background-color:#AB0038 }
```

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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