

Converting Colors

Hex(AB0030)

Have a look what the booklet for
Hex(AB0030) contains.

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Color

Hex(AB0030)

Conversions

Conversions Part 1

Format	Color
Hex	AB0030
RGB	171, 0, 48
RGB Percent	67%, 0%, 19%
CMY	0.3294, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.72, 0.33
HSL	343°, 100%, 34%
HSV	343°, 100%, 67%
XYZ	17.3281, 8.8713, 3.5954
YIQ	56.6010, 86.5080, 51.1800

Conversions

Conversions Part 2

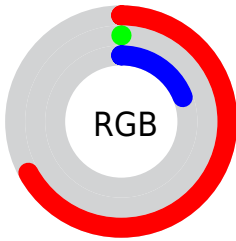
Format	Color
RYB	171, 0, 48
Decimal	11206704
CIELab	35.74, 60.52, 25.04
CIElCh	36, 65.490, 22.474
Yxy	8.8713, 0.5816, 0.2977
Android (android.graphics.Color)	4289396784 (0xFFAB0030)
YUV	56.6010, -4.2403, 100.3279
Hunter-Lab	29.7848, 51.7238, 13.6924

Details

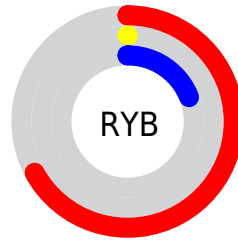
The Hex color **AB0030** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00AB7B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **E94E5E**, and **6E0002** is the 20% darker color. If you saturate the color by 10%, you get **AB0030**, and if you desaturate by 10%, it is **AB113C**.

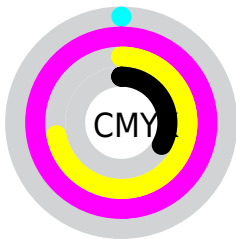
Distribution



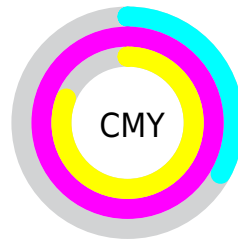
- Red (67%)
- Green (0%)
- Blue (19%)



- Red (67%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB0030 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 AB0030 by changing the saturation by 10% instead.

 AB0030

 AB0030

FFFFFF

 8C001B

 E94E5E

 6E0002

 FF6B76

 500001

 FF8790

 340002

 FFA4AA

 000000

 FFC0C6

 FFDEE2

 FFFBFE

 AB0030

 AB113C

 AB2249

 AB3355

 AB4461

 AB556E

 AB677A

 AB7886

 AB8992

 AB9A9F

Harmonies

Analogous

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



A70064



AB0030



973300

Triad

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



AB0030



006504



005FBE

Complementary

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



AB0030



00AB7B

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.



0068A7



AB0030



006945

Square

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



AB0030



425D00



006A7B



1C4CB7

Rectangle

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



AB0030



804600



006A7B



0063B9

Sweetspot

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



AB0030



DE9BAE



7B00AB



704853



F0F0F0



707070

Same Dimension

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



AB0030



DE003E



AB2500



574E50



96002A



170006

Inverse Universe

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



AB0030



DE003E



0086AB



574E50



96002A



170006

Previews

White Background



This preview shows how the Hex color AB0030 looks on a white background.

Color Contrast Check

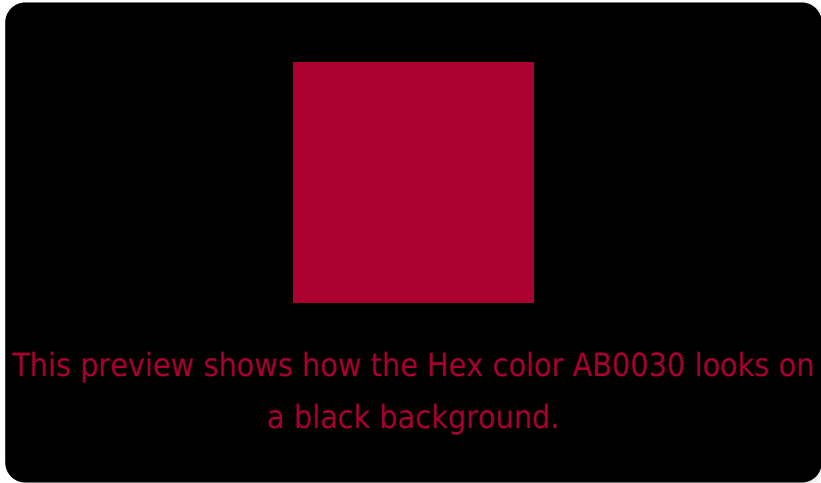
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB0030 Background



This preview shows how black text looks on a background with the Hex color AB0030.

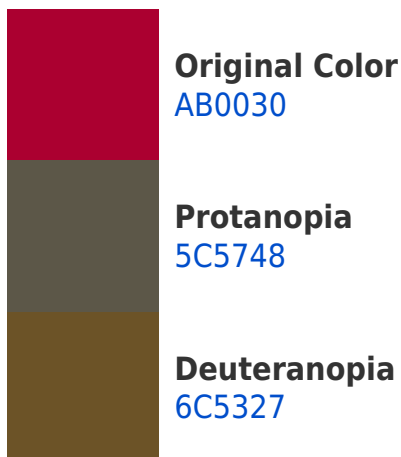


This preview shows how white text looks on a background with the Hex color AB0030.

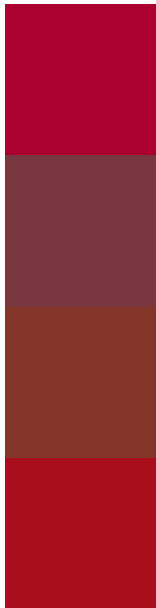
Color Blindness Simulation

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
AB0030

Protanomaly
79373F

Deuteranomaly
83352A

Tritanomaly
AA0D1B

Monochromacy



Original Color
AB0030

Achromatopsia
393939

Achromatomaly
622436

CSS Examples

Text

The CSS property to change the color of the text to Hex AB0030 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 #AB0030 looks like.

```
.text, #text, p{  
    color:#AB0030  
}
```

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 #AB0030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB0030
}
```

Border

The CSS property to change the border of an element to Hex AB0030 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
#AB0030 }
```

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

```
.border{ border-color:#AB0030 }
```

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

Here you see how a box with a 4 pixel #AB0030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB0030; -webkit-box-shadow:4px 4px  
4px 4px #AB0030; box-shadow:4px 4px 4px  
4px #AB0030 }
```

Background

The CSS property to change the background color of an element to Hex AB0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB0030 }
```

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

```
.background{ background-color:#AB0030 }
```

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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