

Converting Colors

Hex(AB001F)

Have a look what the booklet for
Hex(AB001F) contains.

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Color

Hex(AB001F)

Conversions

Conversions Part 1

Format	Color
Hex	AB001F
RGB	171, 0, 31
RGB Percent	67%, 0%, 12%
CMY	0.3294, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.82, 0.33
HSL	349°, 100%, 34%
HSV	349°, 100%, 67%
XYZ	17.0419, 8.7569, 2.0884
YIQ	54.6630, 91.9650, 45.8930

Conversions

Conversions Part 2

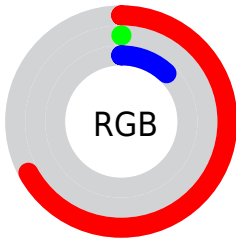
Format	Color
R_{YB}	171, 0, 31
Decimal	11206687
CIE Lab	35.51, 59.91, 35.28
CIE LCh	36, 69.525, 30.491
Yxy	8.7569, 0.6111, 0.3140
Android (android.graphics.Color)	4289396767 (0xFFAB001F)
YUV	54.6630, -11.6659, 102.0275
Hunter-Lab	29.5920, 51.0115, 16.5302

Details

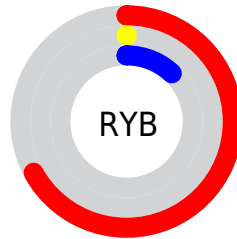
The Hex color **AB001F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **00AB8C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **EA4E4C**, and **6D0000** is the 20% darker color. If you saturate the color by 10%, you get **AB001F**, and if you desaturate by 10%, it is **AB112D**.

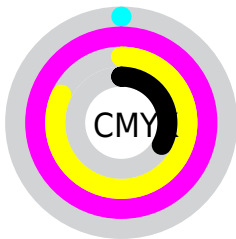
Distribution



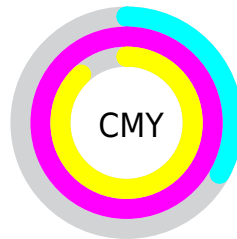
- Red (67%)
- Green (0%)
- Blue (12%)



- Red (67%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB001F 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 AB001F by changing the saturation by 10% instead.

 AB001F

 AB001F

FFFFFF

 8C0009

 EA4E4C

 6D0000

 FF6A64

 4F0001

 FF867D

 320002

 FFA397

 000000

 FFC0B1

 FFDDCD

 FFFAE9

 AB001F

 AB112D

 AB223B

 AB3349

 AB4457

 AB5565

 AB6773

 AB7881

 AB898F

 AB9A9D

Harmonies

Analogous

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



AF0055



AB001F



903900

Triad

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



AB001F



006615



005BC5

Complementary

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



AB001F



00AB8C

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.



0067B5



AB001F



006953

Square

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



AB001F



2C6000



006A8B



4644B5

Rectangle

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



AB001F



754B00



006A8B



0060C3

Sweetspot

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



AB001F



DE9BA7



8C00AB



70484F



F0F0F0



707070

Same Dimension

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



AB001F



DE0028



AB3600



574E50



96001B



170004

Inverse Universe

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



AB001F



DE0028



0075AB



574E50



96001B



170004

Previews

White Background



This preview shows how the Hex color AB001F looks on a white background.

Color Contrast Check

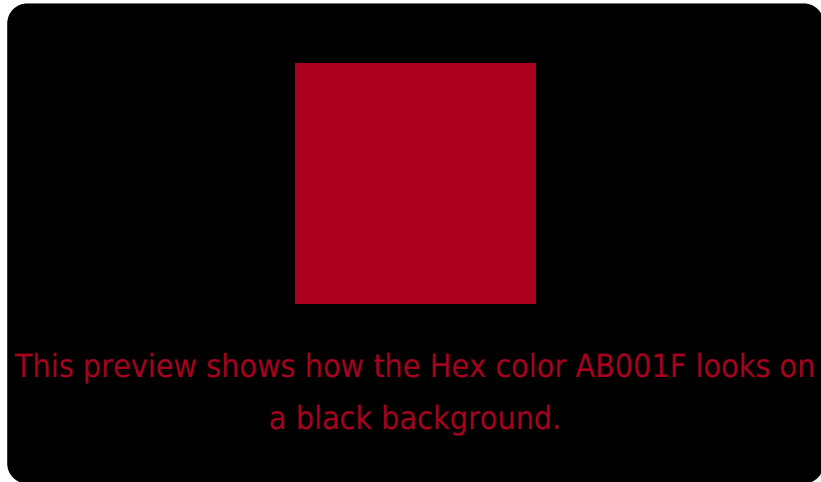
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB001F Background



This preview shows how black text looks on a background with the Hex color AB001F.



This preview shows how white text looks on a background with the Hex color AB001F.

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
AB001F

Protanopia
5F5731

Deuteranopia
6D5210

Trichromacy



Original Color
AB001F

Protanomaly
7B372A

Deuteranomaly
843415

Tritanomaly
AA0A0B

Monochromacy



Original Color
AB001F

Achromatopsia
373737

Achromatomaly
61232E

CSS Examples

Text

The CSS property to change the color of the text to Hex AB001F 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 #AB001F looks like.

```
.text, #text, p{  
    color:#AB001F  
}
```

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 #AB001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB001F
}
```

Border

The CSS property to change the border of an element to Hex AB001F is called "border". The border property can be set on classes, ids or directly on the HTML element.

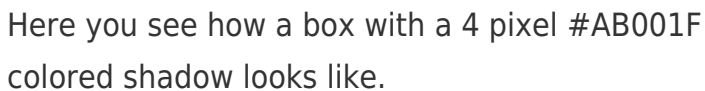
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB001F }
```

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

```
.border{ border-color:#AB001F }
```

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



Here you see how a box with a 4 pixel `#AB001F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB001F; -webkit-box-shadow:4px 4px  
4px 4px #AB001F; box-shadow:4px 4px 4px  
4px #AB001F }
```

Background

The CSS property to change the background color of an element to Hex AB001F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB001F }
```

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

```
.background{ background-color:#AB001F }
```

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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