

Converting Colors

Hex(AB4002)

Have a look what the booklet for
Hex(AB4002) contains.

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Color

Hex(AB4002)

Conversions

Conversions Part 1

Format	Color
Hex	AB4002
RGB	171, 64, 2
RGB Percent	67%, 25%, 1%
CMY	0.3294, 0.7490, 0.9922
CMYK	0.00, 0.63, 0.99, 0.33
HSL	22°, 98%, 34%
HSV	22°, 99%, 67%
XYZ	18.6389, 12.3291, 1.4548
YIQ	88.9250, 83.6740, 3.4020

Conversions

Conversions Part 2

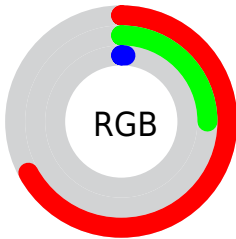
Format	Color
RYB	171, 100, 2
Decimal	11223042
CIELab	41.73, 41.63, 52.08
CIElCh	42, 66.680, 51.362
Yxy	12.3291, 0.5749, 0.3803
Android (android.graphics.Color)	4289413122 (0xFFAB4002)
YUV	88.9250, -42.8540, 71.9798
Hunter-Lab	35.1128, 33.3057, 22.1225

Details

The Hex color **AB4002** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **026DAB**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **E97439**, and **6E0600** is the 20% darker color. If you saturate the color by 10%, you get **AB3F00**, and if you desaturate by 10%, it is **AB4B13**.

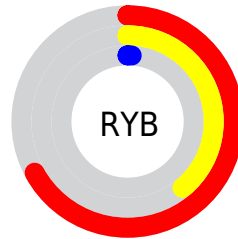
Distribution



Red (67%)

Green (25%)

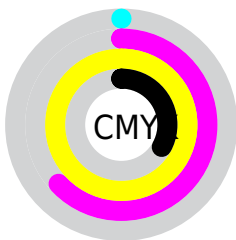
Blue (1%)



Red (67%)

Yellow (39%)

Blue (1%)

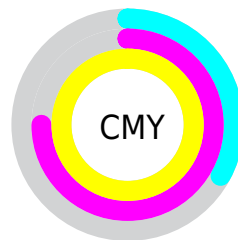


Cyan (0%)

Magenta (63%)

Yellow (99%)

Black (33%)



Cyan (33%)

Magenta (75%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB4002 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 AB4002 by changing the saturation by 10% instead.

 AB4002

 AB4002

 FFFFF4

 8D2600

 E97439

 6E0600

 FF8E52

 510000

 FFAA6B

 370001

 FFC685

 0F0000

 FFE2A0

 000000

 FFFFBB

 FFFFDD

 AB4002

 AB4002

■ AB3F00

■ AB4B13

■ AB5624

■ AB6035

■ AB6B46

■ AB7658

■ AB8169

■ AB8C7A

■ AB978B

■ ABA19C

Harmonies

Analogous

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



BF1D3E



AB4002



855B00

Triad

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



AB4002



007950



2D5BCA

Complementary

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



AB4002



026DAB

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.



006ED0



AB4002



007A89

Square

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



AB4002



007412



0077B8



933DA8

Rectangle

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



AB4002



656700



0077B8



0063D0

Sweetspot

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



AB4002



DEB49B



AB026D



705748



F0F0F0



707070

Same Dimension

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



AB4002



DE5100



AB9402



57514E



963700



170800

Inverse Universe

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



026DAB



008CDE



0219AB



4E5457



005F96



000F17

Previews

White Background



This preview shows how the Hex color AB4002 looks on a white background.

Color Contrast Check

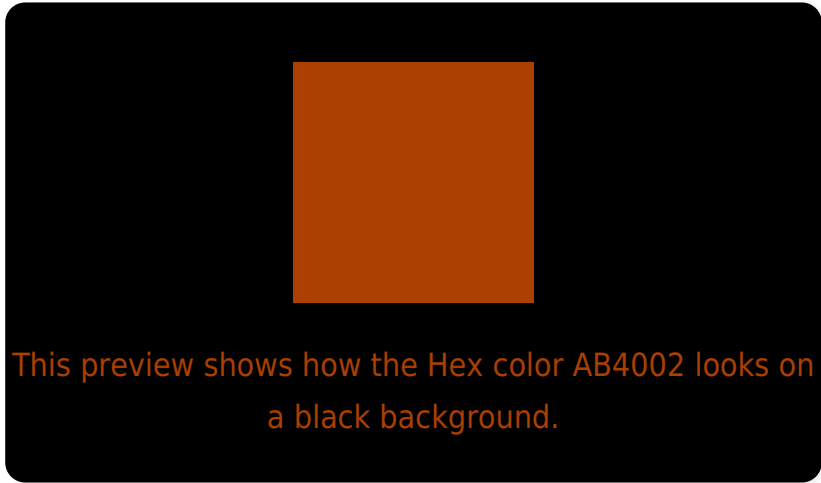
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 AB4002 Background



This preview shows how black text looks on a background with the Hex color AB4002.



This preview shows how white text looks on a background with the Hex color AB4002.

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

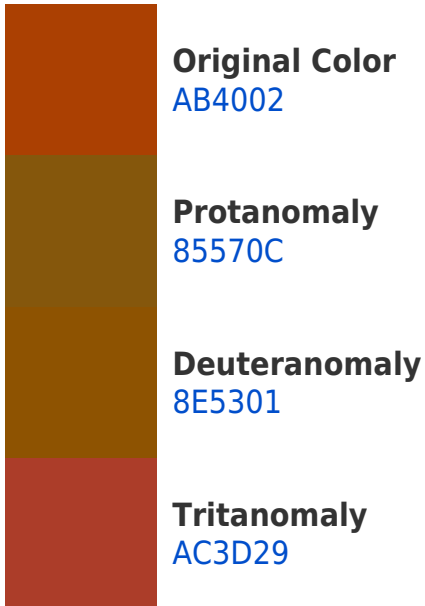


Original Color
AB4002

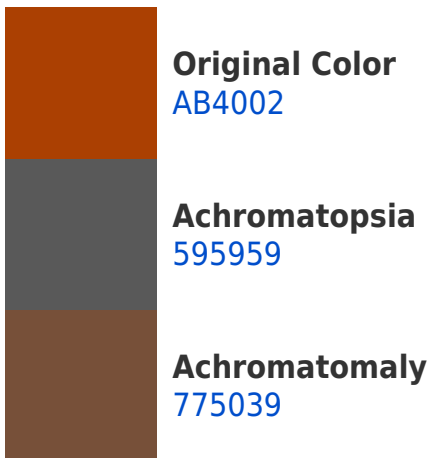
Protanopia
706411

Deuteranopia
7D5E00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB4002 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 #AB4002 looks like.

```
.text, #text, p{  
    color:#AB4002  
}
```

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 #AB4002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB4002
}
```

Border

The CSS property to change the border of an element to Hex AB4002 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
#AB4002 }
```

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

```
.border{ border-color:#AB4002 }
```

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

Here you see how a box with a 4 pixel #AB4002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB4002; -webkit-box-shadow:4px 4px  
4px 4px #AB4002; box-shadow:4px 4px 4px  
4px #AB4002 }
```

Background

The CSS property to change the background color of an element to Hex AB4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB4002 }
```

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

```
.background{ background-color:#AB4002 }
```

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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