

Converting Colors

Hex(AB3706)

Have a look what the booklet for
Hex(AB3706) contains.

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Color

Hex(AB3706)

Conversions

Conversions Part 1

Format	Color
Hex	AB3706
RGB	171, 55, 6
RGB Percent	67%, 22%, 2%
CMY	0.3294, 0.7843, 0.9765
CMYK	0.00, 0.68, 0.96, 0.33
HSL	18°, 93%, 35%
HSV	18°, 96%, 67%
XYZ	18.1936, 11.4035, 1.4145
YIQ	84.0980, 84.8650, 9.3530

Conversions

Conversions Part 2

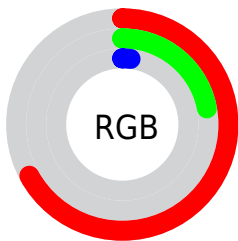
Format	Color
RYB	171, 76, 6
Decimal	11220742
CIELab	40.25, 45.69, 49.97
CIELCh	40, 67.712, 47.560
Yxy	11.4035, 0.5867, 0.3677
Android (android.graphics.Color)	4289410822 (0xFFAB3706)
YUV	84.0980, -38.5023, 76.2131
Hunter-Lab	33.7690, 37.0743, 21.1548

Details

The Hex color **AB3706** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **067AAB**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **EA6C3A**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AB3300**, and if you desaturate by 10%, it is **AB4317**.

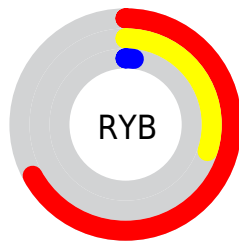
Distribution



Red (67%)

Green (22%)

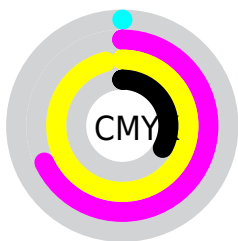
Blue (2%)



Red (67%)

Yellow (30%)

Blue (2%)

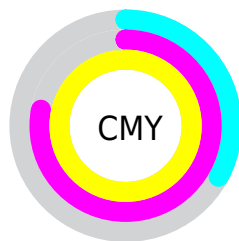


Cyan (0%)

Magenta (68%)

Yellow (96%)

Black (33%)



Cyan (33%)

Magenta (78%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB3706 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 AB3706 by changing the saturation by 10% instead.

 AB3706

 AB3706

 FFFFF5

 8D1A00

 EA6C3A

 6E0000

 FF8753

 500000

 FFA26C

 370002

 FFBE86

 0A0000

 FFDAA0

 000000

 FFF7BC

 FFFFFD8

 AB3706

 AB3706

■ AB3300

■ AB4317

■ AB4F28

■ AB5B39

■ AB674A

■ AB735B

■ AB7F6D

■ AB8B7E

■ AB978F

■ ABA3A0

Harmonies

Analogous

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



BD0B41



AB3706



875400

Triad

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



AB3706



007545



005BCA

Complementary

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



AB3706



067AAB

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.



006CCC



AB3706



00767F

Square

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



AB3706



007000



0074B0



873DAB

Rectangle

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



AB3706



686100



0074B0



0062CE

Sweetspot

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



AB3706



DEB19E



AB067C



705549



F0F0F0



707070

Same Dimension

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



AB3706



DE4200



AB8706



57514E



962D00



170700

Inverse Universe

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



067AAB



009CDE



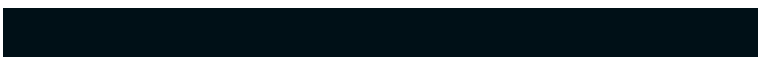
062AAB



4E5457



006A96



001017

Previews

White Background



This preview shows how the Hex color AB3706 looks on a white background.

Color Contrast Check

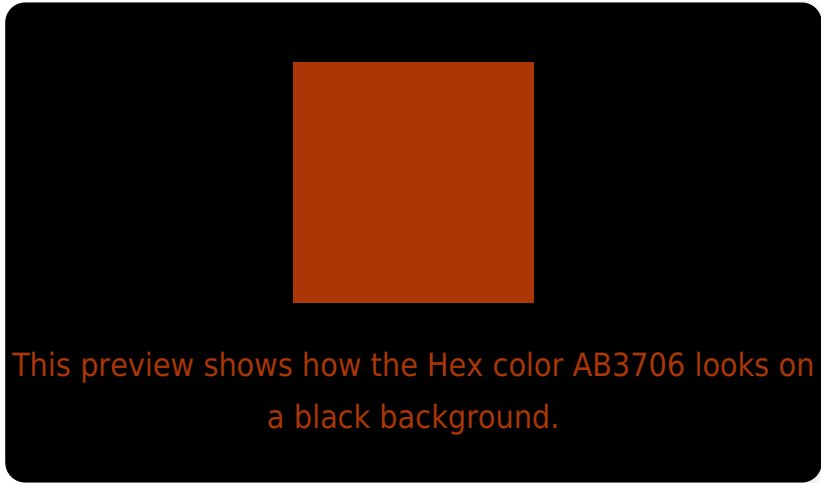
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB3706 Background



This preview shows how black text looks on a background with the Hex color AB3706.



This preview shows how white text looks on a background with the Hex color AB3706.

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

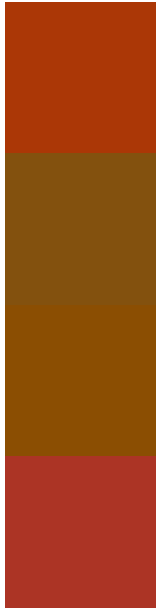


Original Color
AB3706

Protanopia
6C6013

Deuteranopia
795B00

Trichromacy



Original Color
AB3706

Protanomaly
83510E

Deuteranomaly
8B4E02

Tritanomaly
AC3425

Monochromacy



Original Color
AB3706

Achromatopsia
545454

Achromatomaly
744938

CSS Examples

Text

The CSS property to change the color of the text to Hex AB3706 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 #AB3706 looks like.

```
.text, #text, p{  
    color:#AB3706  
}
```

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 #AB3706 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3706
}
```

Border

The CSS property to change the border of an element to Hex AB3706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

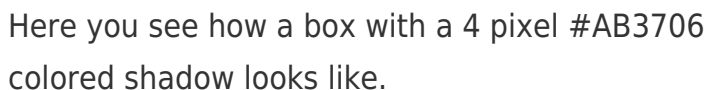
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB3706 }
```

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

```
.border{ border-color:#AB3706 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a thick orange line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #AB3706 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3706; -webkit-box-shadow:4px 4px  
4px 4px #AB3706; box-shadow:4px 4px 4px  
4px #AB3706 }
```

Background

The CSS property to change the background color of an element to Hex AB3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3706 }
```

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

```
.background{ background-color:#AB3706 }
```

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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