

Converting Colors

Hex(AB7803)

Have a look what the booklet for
Hex(AB7803) contains.

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Color

Hex(AB7803)

Conversions

Conversions Part 1

Format	Color
Hex	AB7803
RGB	171, 120, 3
RGB Percent	67%, 47%, 1%
CMY	0.3294, 0.5294, 0.9882
CMYK	0.00, 0.30, 0.98, 0.33
HSL	42°, 97%, 34%
HSV	42°, 98%, 67%
XYZ	23.5275, 22.0974, 3.1113
YIQ	121.9110, 67.9530, -25.5750

Conversions

Conversions Part 2

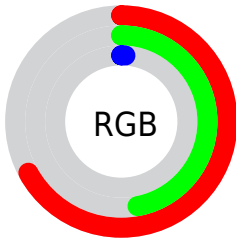
Format	Color
RYB	76, 171, 3
Decimal	11237379
CIELab	54.13, 11.66, 59.77
CIELCh	54, 60.895, 78.965
Yxy	22.0974, 0.4828, 0.4534
Android (android.graphics.Color)	4289427459 (0xFFAB7803)
YUV	121.9110, -58.6231, 43.0511
Hunter-Lab	47.0079, 7.0755, 28.9813

Details

The Hex color **AB7803** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0336AB**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E7AC44**, and **724800** is the 20% darker color. If you saturate the color by 10%, you get **AB7700**, and if you desaturate by 10%, it is **AB7D14**.

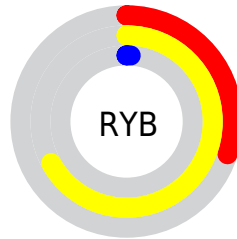
Distribution



Red (67%)

Green (47%)

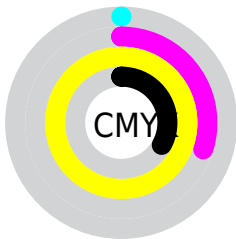
Blue (1%)



Red (30%)

Yellow (67%)

Blue (1%)

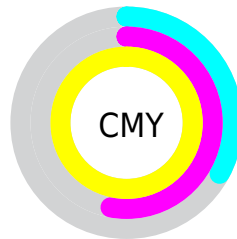


Cyan (0%)

Magenta (30%)

Yellow (98%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB7803 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 AB7803 by changing the saturation by 10% instead.

 AB7803

 AB7803

FFFFFF

 8E5F00

 E7AC44

 724800

 FFC75E

 553100

 FFE379

 3A1D00

 FFFF94

 220500

 FFFFB0

 000000

 FFFFCC

 FFFFEE9

 AB7803

 AB7803

■ AB7700

■ AB7D14

■ AB8225

■ AB8836

■ AB8D47

■ AB9258

■ AB976A

■ AB9C7B

■ ABA28C

■ ABA79D

Harmonies

Analogous

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



CE6233



AB7803



7B8903

Triad

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



AB7803



009AA2



AD64C7

Complementary

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



AB7803



0336AB

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.



587CE5



AB7803



0097D0

Square

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



AB7803



00996C



008DE9



D64F97

Rectangle

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



AB7803



539127



008DE9



976CD4

Sweetspot

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



AB7803



DECA9E



AB0338



706449



F0F0F0



707070

Same Dimension

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



AB7803



DE9B00



8CAB03



57544E



966900



171000

Inverse Universe

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



0336AB



0043DE



2203AB



4E5157



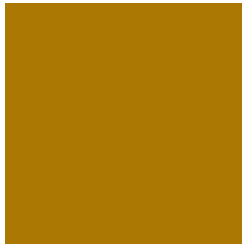
002E96



000717

Previews

White Background



This preview shows how the Hex color AB7803 looks on a white background.

Color Contrast Check

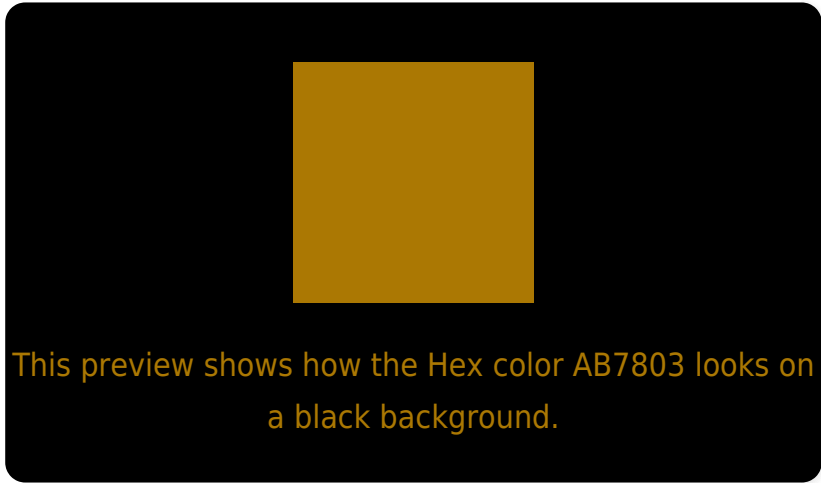
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AB7803 Background



This preview shows how black text looks on a background with the Hex color AB7803.



This preview shows how white text looks on a background with the Hex color AB7803.

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
AB7803

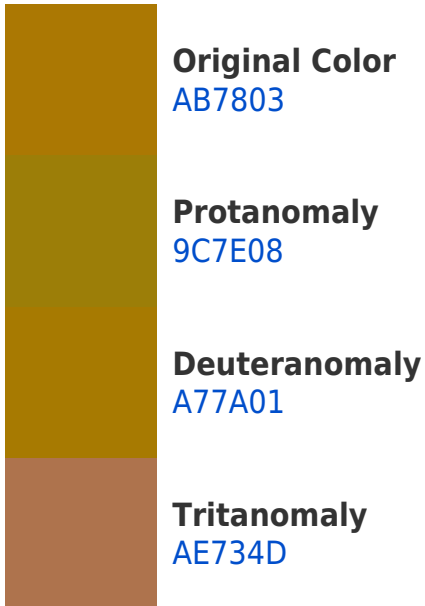
Protanopia
93820B

Deuteranopia
A47B00

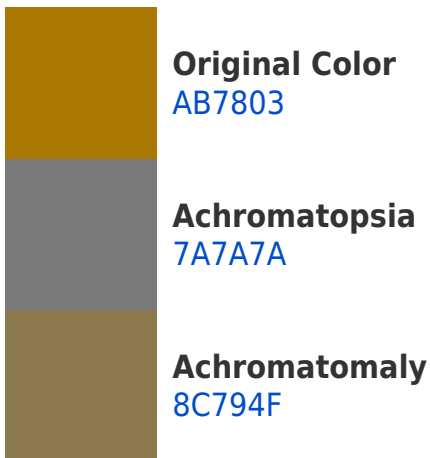


Tritanopia
B07078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB7803 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 #AB7803 looks like.

```
.text, #text, p{  
    color:#AB7803  
}
```

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 #AB7803 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7803
}
```

Border

The CSS property to change the border of an element to Hex AB7803 is called "border". The border property can be set on classes, ids or directly on the HTML element.

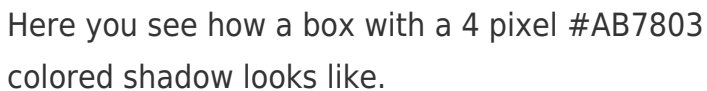
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB7803 }
```

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

```
.border{ border-color:#AB7803 }
```

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



Here you see how a box with a 4 pixel #AB7803 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7803; -webkit-box-shadow:4px 4px  
4px 4px #AB7803; box-shadow:4px 4px 4px  
4px #AB7803 }
```

Background

The CSS property to change the background color of an element to Hex AB7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7803 }
```

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

```
.background{ background-color:#AB7803 }
```

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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