

Converting Colors

Hex(AB7C38)

Have a look what the booklet for
Hex(AB7C38) contains.

| | |
|--|----|
| Hex(AB7C38) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(AB7C38)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AB7C38 |
| RGB | 171, 124, 56 |
| RGB Percent | 67%, 49%, 22% |
| CMY | 0.3294, 0.5137, 0.7804 |
| CMYK | 0.00, 0.27, 0.67, 0.33 |
| HSL | 35°, 51%, 45% |
| HSV | 35°, 67%, 67% |
| XYZ | 24.7160, 23.3588, 6.9474 |
| YIQ | 130.3010, 49.8400, -11.1840 |

Conversions

Conversions Part 2

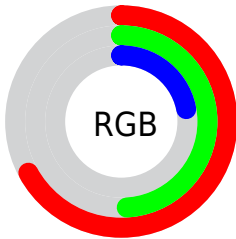
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 135, 171, 56 |
| Decimal | 11238456 |
| CIELab | 55.44, 11.21, 43.25 |
| CIELCh | 55, 44.682, 75.469 |
| Yxy | 23.3588, 0.4492, 0.4245 |
| Android (android.graphics.Color) | 4289428536 (0xFFAB7C38) |
| YUV | 130.3010, -36.6304, 35.6930 |
| Hunter-Lab | 48.3309, 6.7045, 25.3089 |

Details

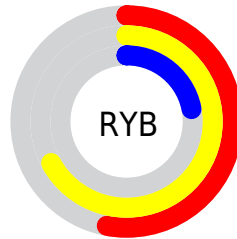
The Hex color **AB7C38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3867AB**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E5B06A**, and **734B03** is the 20% darker color. If you saturate the color by 10%, you get **AB7527**, and if you desaturate by 10%, it is **AB8349**.

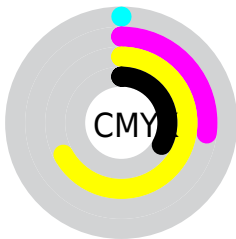
Distribution



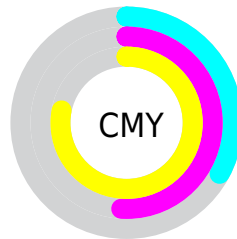
- Red (67%)
- Green (49%)
- Blue (22%)



- Red (53%)
- Yellow (67%)
- Blue (22%)



- Cyan (0%)
- Magenta (27%)
- Yellow (67%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB7C38 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 AB7C38 by changing the saturation by 10% instead.



AB7C38



AB7C38

FFFFFF



8F631F



E5B06A



734B03



FFCC84



583500



FFE89E



3D2000



FFFFBA



250A00



FFFFD6



000000



FFFFF3



AB7C38



AB7C38



AB7527



AB8349

 AB6E16

 AB8A5A

 AB6705

 AB916B

 AB6500

 AB987C

 AB9F8D

 ABA69F

 ABADB0

 ABB4C1

 ABBBD2

Harmonies

Analogous

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



C46E4F



AB7C38



888936

Triad

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



AB7C38



009898



A173BB

Complementary

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



AB7C38



3867AB

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.



6782CF



AB7C38



0096BB

Square

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



AB7C38



089770



008ECF



C36699

Rectangle

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



AB7C38



6C8F43



008ECF



9178C4

Sweetspot

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



AB7C38



DECCB1



AB3868



706555



F0F0F0



707070

Same Dimension

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



AB7C38



DE942A



A1AB38



57534E



965900



170E00

Inverse Universe

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



3867AB



2A74DE



4238AB



4E5257



003D96



000917

Previews

White Background



This preview shows how the Hex color AB7C38 looks on a white background.

Color Contrast Check

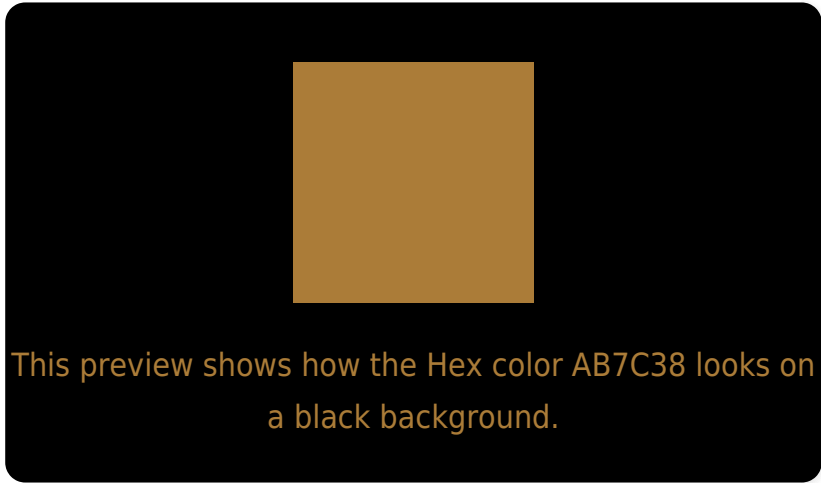
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB7C38 Background



This preview shows how black text looks on a background with the Hex color AB7C38.



This preview shows how white text looks on a background with the Hex color AB7C38.

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
AB7C38

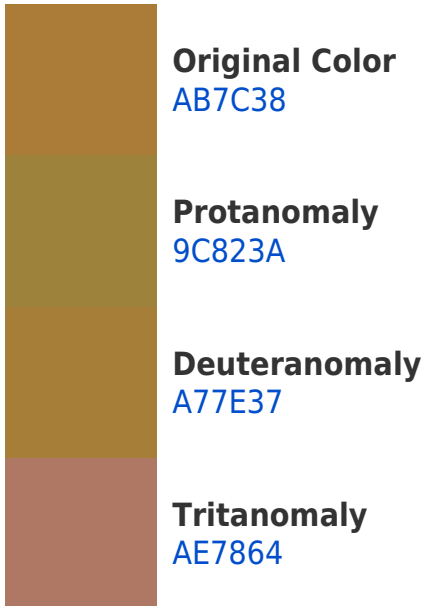
Protanopia
94853B

Deuteranopia
A57F37

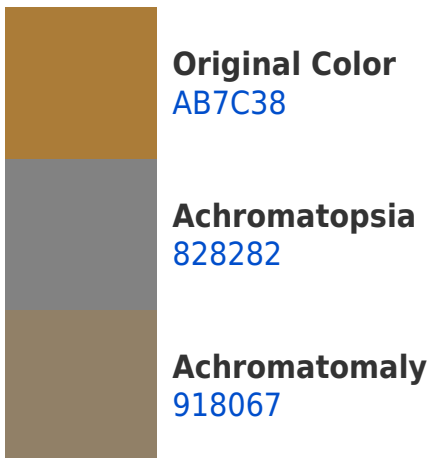


Tritanopia
B0757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB7C38 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 #AB7C38 looks like.

```
.text, #text, p{  
    color:#AB7C38  
}
```

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 #AB7C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7C38
}
```

Border

The CSS property to change the border of an element to Hex AB7C38 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
#AB7C38 }
```

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

```
.border{ border-color:#AB7C38 }
```

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

Here you see how a box with a 4 pixel #AB7C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7C38; -webkit-box-shadow:4px 4px  
4px 4px #AB7C38; box-shadow:4px 4px 4px  
4px #AB7C38 }
```

Background

The CSS property to change the background color of an element to Hex AB7C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7C38 }
```

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

```
.background{ background-color:#AB7C38 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor