

Converting Colors

Hex(AB7E33)

Have a look what the booklet for
Hex(AB7E33) contains.

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Color

Hex(AB7E33)

Conversions

Conversions Part 1

Format	Color
Hex	AB7E33
RGB	171, 126, 51
RGB Percent	67%, 49%, 20%
CMY	0.3294, 0.5059, 0.8000
CMYK	0.00, 0.26, 0.70, 0.33
HSL	38°, 54%, 44%
HSV	38°, 70%, 67%
XYZ	24.8530, 23.8187, 6.4195
YIQ	130.9050, 50.8950, -13.7850

Conversions

Conversions Part 2

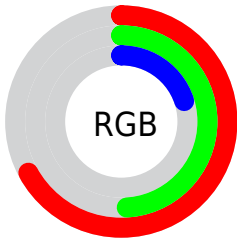
Format	Color
R_{YB}	123, 171, 51
Decimal	11238963
CIE _{Lab}	55.91, 9.79, 46.13
CIE _{LCh}	56, 47.162, 78.018
Yxy	23.8187, 0.4511, 0.4323
Android (android.graphics.Color)	4289429043 (0xFFAB7E33)
YUV	130.9050, -39.3932, 35.1633
Hunter-Lab	48.8044, 5.4912, 26.3643

Details

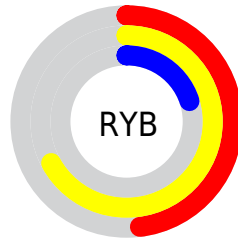
The Hex color **AB7E33** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3360AB**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E6B365**, and **734D00** is the 20% darker color. If you saturate the color by 10%, you get **AB7822**, and if you desaturate by 10%, it is **AB8444**.

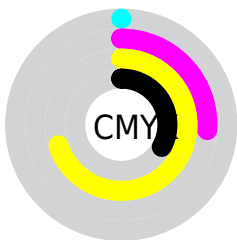
Distribution



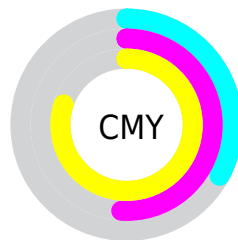
- Red (67%)
- Green (49%)
- Blue (20%)



- Red (48%)
- Yellow (67%)
- Blue (20%)



- Cyan (0%)
- Magenta (26%)
- Yellow (70%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB7E33 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 AB7E33 by changing the saturation by 10% instead.

 AB7E33

 AB7E33

FFFFFF

 8F6519

 E6B365

 734D00

 FFCE7F

 583700

 FFEA9A

 3D2100

 FFFF85

 240D00

 FFFFD1

 000000

 FFFFEE

 AB7E33

 AB7E33

 AB7822

 AB8444

■ AB7111

■ AB8B55

■ AB6B00

■ AB9166

■ AB9877

■ AB9E88

■ ABA49A

■ ABABAB

■ ABB1BC

■ ABB8CD

Harmonies

Analogous

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



C66E4A



AB7E33



858B33

Triad

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



AB7E33



009A9E



A871BD

Complementary

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



AB7E33



3360AB

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.



6C82D4



AB7E33



0097C2

Square

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



AB7E33



009974



008FD6



C96498

Rectangle

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



AB7E33



679242



008FD6



9777C7

Sweetspot

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



AB7E33



DECCAF



AB3361



706654



F0F0F0



707070

Same Dimension

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



AB7E33



DE9823



9DAB33



57534E



965E00



170E00

Inverse Universe

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



3360AB



2369DE



4133AB



4E5157



003896



000917

Previews

White Background



This preview shows how the Hex color AB7E33 looks on a white background.

Color Contrast Check

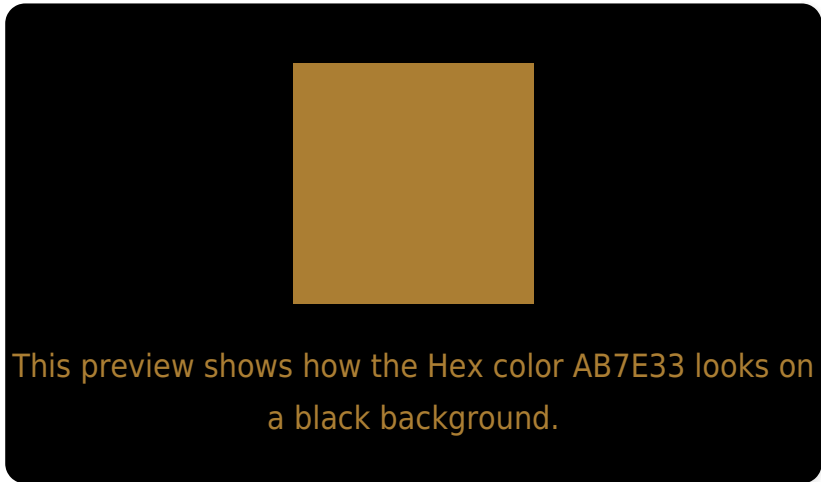
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB7E33 Background



This preview shows how black text looks on a background with the Hex color AB7E33.



This preview shows how white text looks on a background with the Hex color AB7E33.

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
AB7E33

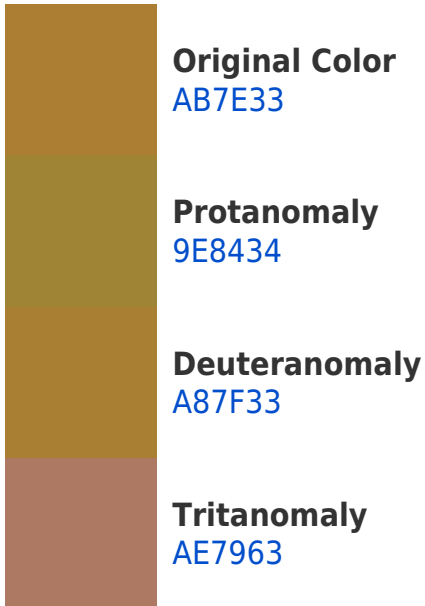
Protanopia
968735

Deuteranopia
A78033

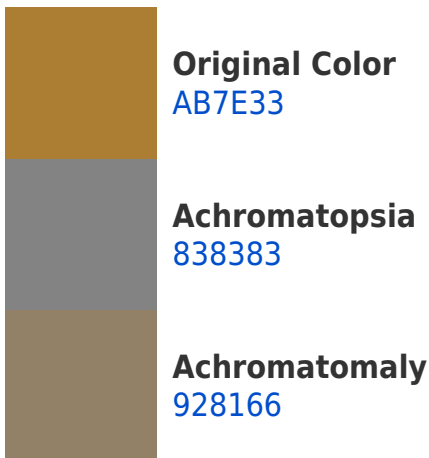


Tritanopia
B0767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB7E33 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 #AB7E33 looks like.

```
.text, #text, p{  
    color:#AB7E33  
}
```

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 #AB7E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7E33
}
```

Border

The CSS property to change the border of an element to Hex AB7E33 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
#AB7E33 }
```

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

```
.border{ border-color:#AB7E33 }
```

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

Here you see how a box with a 4 pixel #AB7E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7E33; -webkit-box-shadow:4px 4px  
4px 4px #AB7E33; box-shadow:4px 4px 4px  
4px #AB7E33 }
```

Background

The CSS property to change the background color of an element to Hex AB7E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7E33 }
```

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

```
.background{ background-color:#AB7E33 }
```

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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