

Converting Colors

Hex(AB7A47)

Have a look what the booklet for
Hex(AB7A47) contains.

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Color

Hex(AB7A47)

Conversions

Conversions Part 1

Format	Color
Hex	AB7A47
RGB	171, 122, 71
RGB Percent	67%, 48%, 28%
CMY	0.3294, 0.5216, 0.7216
CMYK	0.00, 0.29, 0.58, 0.33
HSL	31°, 41%, 47%
HSV	31°, 58%, 67%
XYZ	24.8915, 23.0319, 9.0949
YIQ	130.8370, 45.5750, -5.4730

Conversions

Conversions Part 2

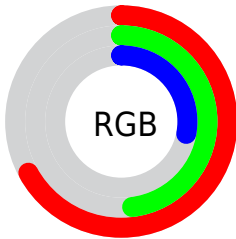
Format	Color
R_{YB}	167, 171, 71
Decimal	11237959
CIE _{Lab}	55.11, 13.41, 35.17
CIE _{LCh}	55, 37.638, 69.132
Yxy	23.0319, 0.4366, 0.4039
Android (android.graphics.Color)	4289428039 (0xFFAB7A47)
YUV	130.8370, -29.4996, 35.2230
Hunter-Lab	47.9916, 8.5960, 22.3580

Details

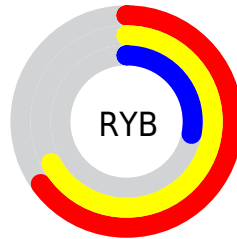
The Hex color **AB7A47** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4778AB**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E5AE79**, and **734918** is the 20% darker color. If you saturate the color by 10%, you get **AB7236**, and if you desaturate by 10%, it is **AB8258**.

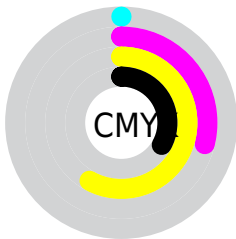
Distribution



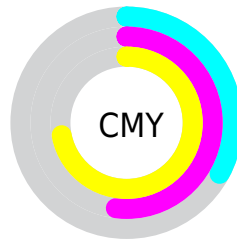
- Red (67%)
- Green (48%)
- Blue (28%)



- Red (65%)
- Yellow (67%)
- Blue (28%)



- Cyan (0%)
- Magenta (29%)
- Yellow (58%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB7A47 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 AB7A47 by changing the saturation by 10% instead.

 AB7A47

 AB7A47

FFFFFF

 8F612F

 E5AE79

 734918

 FFCA93

 593300

 FFE6AE

 3F1D00

 FFFFC9

 260700

 FFFFEE

 000000

 AB7A47

 AB7A47

 AB7236

 AB8258

 AB6925

 AB8B69

 AB6114

 AB937A

 AB5803

 AB9C8B

 AB5700

 ABA49C

 ABACAE

 ABB5BF

 ABBDD0

 ABC5E1

Harmonies

Analogous

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



BE6F5C



AB7A47



8E8542

Triad

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



AB7A47



00958D



9478B7

Complementary

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



AB7A47



4778AB

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.



6284C4



AB7A47



0093AC

Square

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



AB7A47



3F936C



008EC0



B46D9C

Rectangle

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



AB7A47



788B49



008EC0



857CBD

Sweetspot

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



AB7A47



DECAB6



AB4779



706458



F0F0F0



707070

Same Dimension

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



AB7A47



DE9243



ABAB47



57524E



964D00



170C00

Inverse Universe

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



4778AB



438FDE



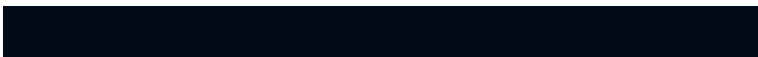
4747AB



4E5257



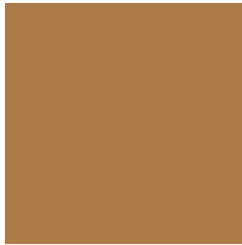
004A96



000B17

Previews

White Background



This preview shows how the Hex color AB7A47 looks on a white background.

Color Contrast Check

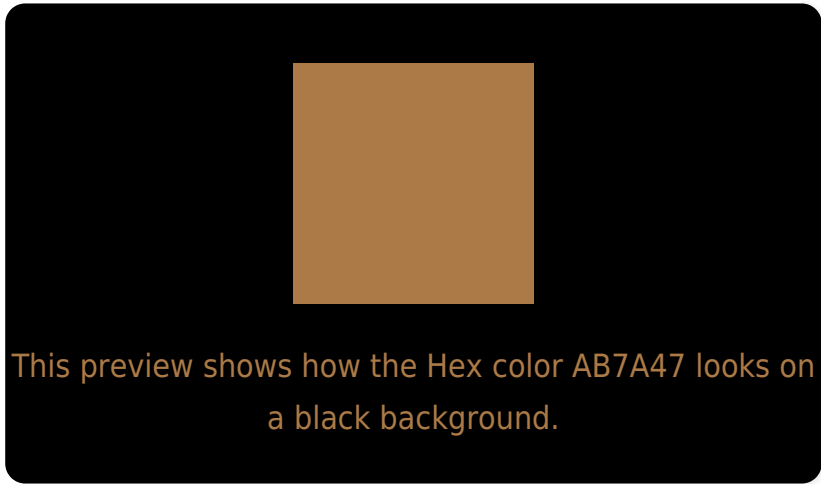
Large Text (above 18pt) WCAG AA ✓ Pass

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

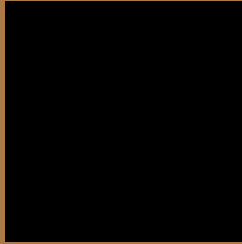
Any Text WCAG AA ✓ Pass

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 AB7A47 Background



This preview shows how black text looks on a background with the Hex color AB7A47.



This preview shows how white text looks on a background with the Hex color AB7A47.

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
AB7A47

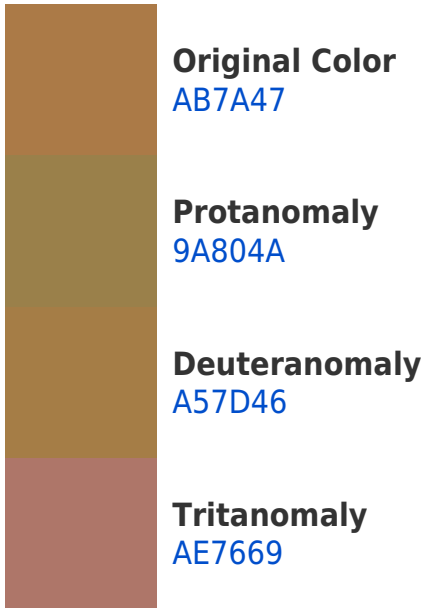
Protanopia
91844B

Deuteranopia
A27E46

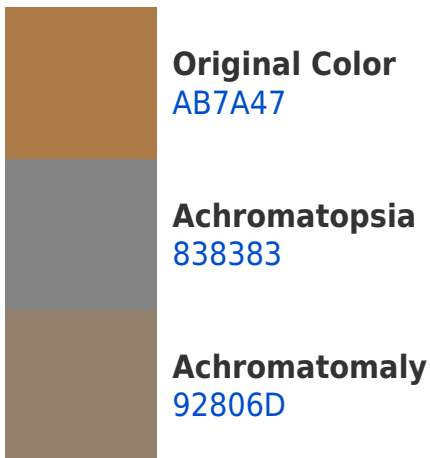


Tritanopia
AF747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB7A47 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 #AB7A47 looks like.

```
.text, #text, p{  
    color:#AB7A47  
}
```

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 #AB7A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7A47  
}
```

Border

The CSS property to change the border of an element to Hex AB7A47 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  
#AB7A47 }
```

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

```
.border{ border-color:#AB7A47 }
```

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

Here you see how a box with a 4 pixel #AB7A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7A47; -webkit-box-shadow:4px 4px  
4px 4px #AB7A47; box-shadow:4px 4px 4px  
4px #AB7A47 }
```

Background

The CSS property to change the background color of an element to Hex AB7A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7A47 }
```

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

```
.background{ background-color:#AB7A47 }
```

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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