

# Converting Colors

Hex(AB7555)

Have a look what the booklet for  
Hex(AB7555) contains.

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**Color**

**Hex(AB7555)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB7555
RGB	171, 117, 85
RGB Percent	67%, 46%, 33%
CMY	0.3294, 0.5412, 0.6667
CMYK	0.00, 0.32, 0.50, 0.33
HSL	22°, 34%, 50%
HSV	22°, 50%, 67%
XYZ	24.7956, 22.0364, 11.5409
YIQ	129.4980, 42.4560, 1.4960

# Conversions

## Conversions Part 2

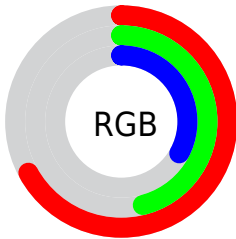
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 136, 85
Decimal	11236693
CIE <sub>Lab</sub>	54.07, 17.48, 26.15
CIE <sub>LCh</sub>	54, 31.454, 56.246
Yxy	22.0364, 0.4248, 0.3775
Android (android.graphics.Color)	4289426773 (0xFFAB7555)
YUV	129.4980, -21.9375, 36.3973
Hunter-Lab	46.9429, 12.1348, 18.2836

# Details

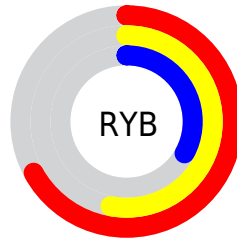
The Hex color **AB7555** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **558BAB**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E4A987**, and **744427** is the 20% darker color. If you saturate the color by 10%, you get **AB6A44**, and if you desaturate by 10%, it is **AB8066**.

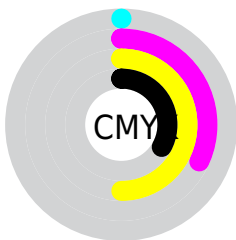
# Distribution



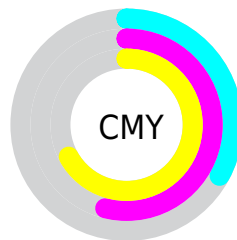
- Red (67%)
- Green (46%)
- Blue (33%)



- Red (67%)
- Yellow (53%)
- Blue (33%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (54%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB7555 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 AB7555 by changing the saturation by 10% instead.



 AB7555

 AB7555

FFFFFF

 8F5C3D

 E4A987

 744427

 FFC5A1

 592E12

 FFE1BD

 401800

 FFFDD8

 280100

 FFFFF5

 000000

 AB7555

 AB7555

 AB6A44

 AB8066

 AB6033

 AB8A77

 AB5522

 AB9588

 AB4A11

 ABA099

 AB4000

 ABABAA

 ABB5BC

 ABC0CD

 ABCBDE

 ABD6EF

# Harmonies

## Analogous

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



B66E6B



AB7555



967E4B

# Triad

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



AB7555



35907D



7F7BB2

# Complementary

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



AB7555



558BAB

# 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.



5385B7



AB7555



048F98

# Square

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



AB7555



5B8D62



1F8CAE



A072A0

# Rectangle

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



AB7555



84844C



1F8CAE



727FB5



# Sweetspot

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



AB7555



DEC9BD



AB558B



70645C



F0F0F0



707070



# Same Dimension

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



AB7555



DE8A59



ABA055



57514E



963800



170900



# Inverse Universe

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



558BAB



59ACDE



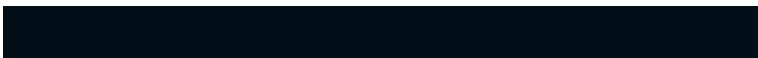
5560AB



4E5357



005E96



000E17



# Previews

## White Background



This preview shows how the Hex color AB7555 looks on a white background.

## Color Contrast Check

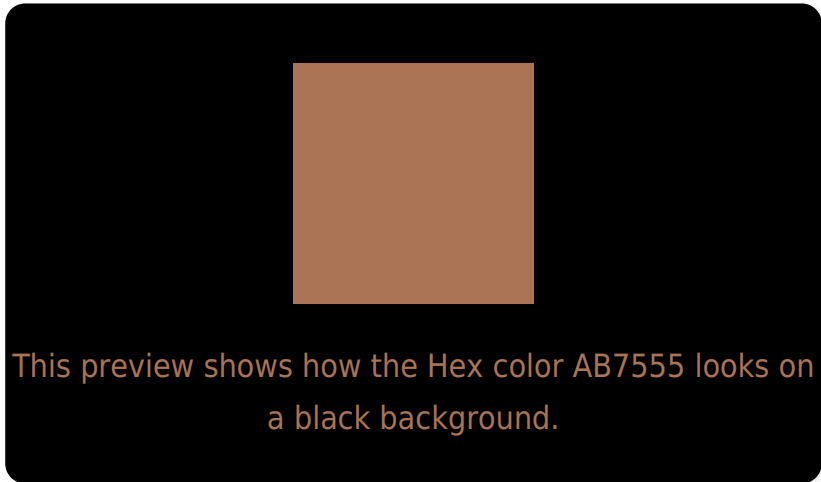
Large Text (above 18pt) WCAG AA ✓ Pass

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

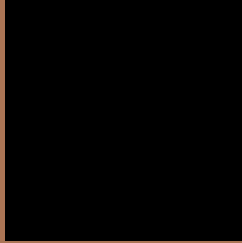
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB7555 Background



This preview shows how black text looks on a background with the Hex color AB7555.



This preview shows how white text looks on a background with the Hex color AB7555.

# 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**  
AB7555

**Protanopia**  
8C825A

**Deuteranopia**  
9C7C54



**Tritanopia**  
AE7079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB7555 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 #AB7555 looks like.

```
.text, #text, p{  
    color:#AB7555  
}
```

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 #AB7555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7555
}
```

## Border

The CSS property to change the border of an element to Hex AB7555 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
#AB7555 }
```

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

```
.border{ border-color:#AB7555 }
```

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

Here you see how a box with a 4 pixel #AB7555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7555; -webkit-box-shadow:4px 4px  
4px 4px #AB7555; box-shadow:4px 4px 4px  
4px #AB7555 }
```

# Background

The CSS property to change the background color of an element to Hex AB7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7555 }
```

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

```
.background{ background-color:#AB7555 }
```

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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