

# Converting Colors

Hex(AB7A40)

Have a look what the booklet for  
Hex(AB7A40) contains.

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**Color**

**Hex(AB7A40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB7A40
RGB	171, 122, 64
RGB Percent	67%, 48%, 25%
CMY	0.3294, 0.5216, 0.7490
CMYK	0.00, 0.29, 0.63, 0.33
HSL	33°, 46%, 46%
HSV	33°, 63%, 67%
XYZ	24.6795, 22.9472, 7.9790
YIQ	130.0390, 47.8220, -7.6500

# Conversions

## Conversions Part 2

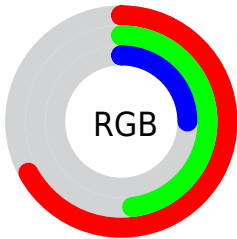
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 171, 64</a>
Decimal	<a href="#">11237952</a>
CIELab	<a href="#">55.02, 12.87, 38.75</a>
CIElCh	<a href="#">55, 40.833, 71.624</a>
Yxy	<a href="#">22.9472, 0.4438, 0.4127</a>
Android (android.graphics.Color)	<a href="#">4289428032 (0xFFAB7A40)</a>
YUV	<a href="#">130.0390, -32.5572, 35.9228</a>
Hunter-Lab	<a href="#">47.9032, 8.1319, 23.6566</a>

# Details

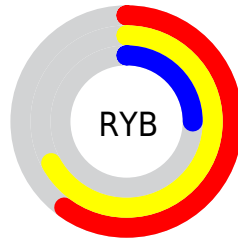
The Hex color **AB7A40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4071AB**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E5AE72**, and **734910** is the 20% darker color. If you saturate the color by 10%, you get **AB722F**, and if you desaturate by 10%, it is **AB8251**.

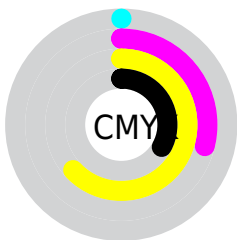
# Distribution



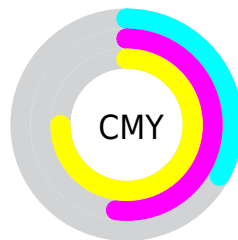
- Red (67%)
- Green (48%)
- Blue (25%)



- Red (60%)
- Yellow (67%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (63%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB7A40 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 AB7A40 by changing the saturation by 10% instead.



 AB7A40

 AB7A40

FFFFFF

 8F6128

 E5AE72

 734910

 FFCA8C

 583300

 FFE6A6

 3E1E00

 FFFF C2

 250700

 FFFF DE

 000000

 FFFF FB

 AB7A40

 AB7A40

 AB722F

 AB8251

 AB6A1E

 AB8A62

 AB630D

 AB9173

 AB5D00

 AB9984

 ABA195

 ABA9A7

 ABB1B8

 ABB9C9

 ABC0DA

# Harmonies

## Analogous

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



C06D56



AB7A40



8C863C

# Triad

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



AB7A40



009691



9875B9

# Complementary

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



AB7A40



4071AB

# 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.



6283C9



AB7A40



0094B2

# Square

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



AB7A40



2F946C



008DC6



BA699B

# Rectangle

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



AB7A40



738C45



008DC6



897AC0



# Sweetspot

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



AB7A40



DECBB4



AB4072



706456



F0F0F0



707070



# Same Dimension

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



AB7A40



DE9237



A7AB40



57534E



965200



170C00



# Inverse Universe

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



4071AB



3784DE



4440AB



4E5257



004596



000B17



# Previews

## White Background



This preview shows how the Hex color AB7A40 looks on a white background.

## Color Contrast Check

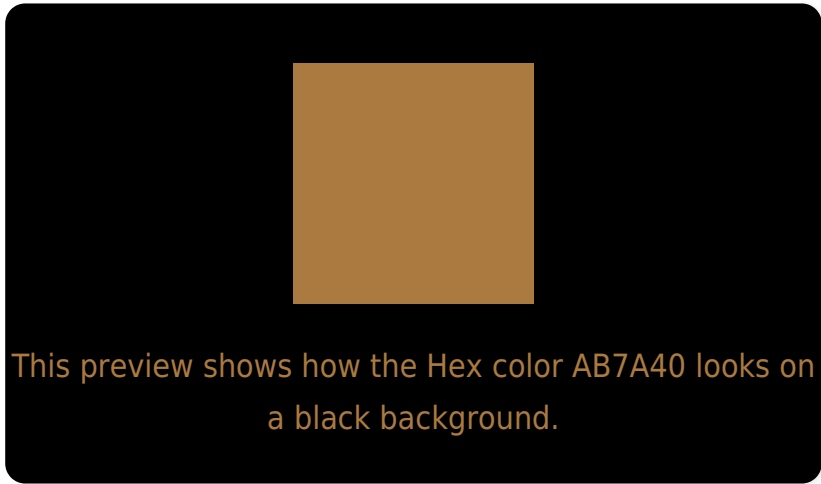
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB7A40 Background



This preview shows how black text looks on a background with the Hex color AB7A40.



This preview shows how white text looks on a background with the Hex color AB7A40.

# 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**  
AB7A40

**Protanopia**  
928443

**Deuteranopia**  
A37E3F

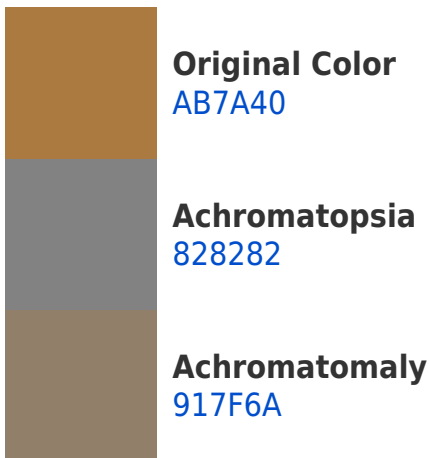


**Tritanopia**  
AF737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB7A40 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 #AB7A40 looks like.

```
.text, #text, p{  
    color:#AB7A40  
}
```

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 #AB7A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB7A40
}
```

## Border

The CSS property to change the border of an element to Hex AB7A40 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
#AB7A40 }
```

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

```
.border{ border-color:#AB7A40 }
```

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

Here you see how a box with a 4 pixel #AB7A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB7A40; -webkit-box-shadow:4px 4px  
4px 4px #AB7A40; box-shadow:4px 4px 4px  
4px #AB7A40 }
```

# Background

The CSS property to change the background color of an element to Hex AB7A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB7A40 }
```

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

```
.background{ background-color:#AB7A40 }
```

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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