

# Converting Colors

Hex(BA7445)

Have a look what the booklet for  
Hex(BA7445) contains.

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**Color**

**Hex(BA7445)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA7445
RGB	186, 116, 69
RGB Percent	73%, 45%, 27%
CMY	0.2706, 0.5451, 0.7294
CMYK	0.00, 0.38, 0.63, 0.27
HSL	24°, 46%, 50%
HSV	24°, 63%, 73%
XYZ	27.5693, 23.3596, 8.6860
YIQ	131.5720, 56.8070, 0.2230

# Conversions

## Conversions Part 2

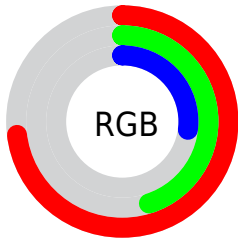
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 148, 69
Decimal	12219461
CIE Lab	55.44, 23.04, 37.08
CIE LCh	55, 43.655, 58.139
Yxy	23.3596, 0.4625, 0.3918
Android (android.graphics.Color)	4290409541 (0xFFBA7445)
YUV	131.5720, -30.8480, 47.7334
Hunter-Lab	48.3317, 17.2390, 23.1768

# Details

The Hex color **BA7445** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **458BBA**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F5A877**, and **814316** is the 20% darker color. If you saturate the color by 10%, you get **BA6932**, and if you desaturate by 10%, it is **BA7F58**.

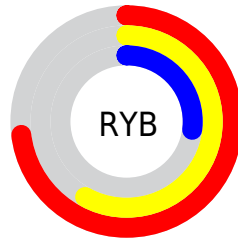
# Distribution



Red (73%)

Green (45%)

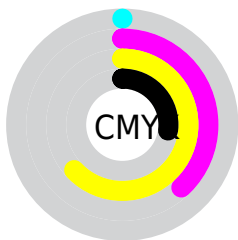
Blue (27%)



Red (73%)

Yellow (58%)

Blue (27%)

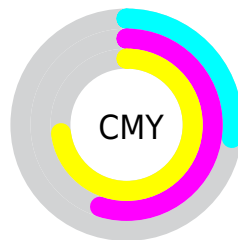


Cyan (0%)

Magenta (38%)

Yellow (63%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA7445 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 BA7445 by changing the saturation by 10% instead.



 BA7445

 BA7445

FFFFFF

 9D5B2D

 F5A877

 814316

 FFC491

 652C00

 FFE0AB

 4A1600

 FFFDC7

 2F0000

 FFFFEE

 090000

 000000

 BA7445

 BA7445

 BA6932

 BA7F58

 BA5E20

 BA8A6A

 BA530D

 BA957D

 BA4B00

 BAA18F

 BAACA2

 BAB7B5

 BAC2C7

 BACDDA

 BAD8EC

# Harmonies

## Analogous

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



CA6863



BA7445



9D8236

# Triad

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



BA7445



009881



837CC8

# Complementary

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



BA7445



458BBA

# 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.



358AD0



BA7445



0097A7

# Square

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



BA7445



47945B



0093C4



B16DAD

# Rectangle

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



BA7445



848A39



0093C4



6E81CD



# Sweetspot

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



BA7445



F2D7C4



BA458B



7A6A5E



FAFAFA



7A7A7A



# Same Dimension

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



BA7445



F2863D



BAAE45



5C5653



9C3E00



1C0B00



# Inverse Universe

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



458BBA



3DA9F2



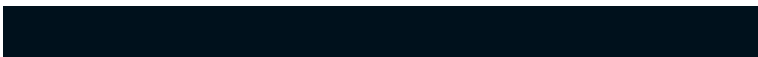
4551BA



53585C



005D9C

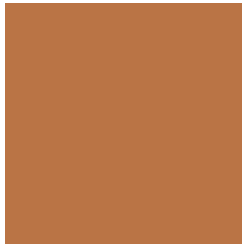


00111C



# Previews

## White Background



This preview shows how the Hex color BA7445 looks on a white background.

## Color Contrast Check

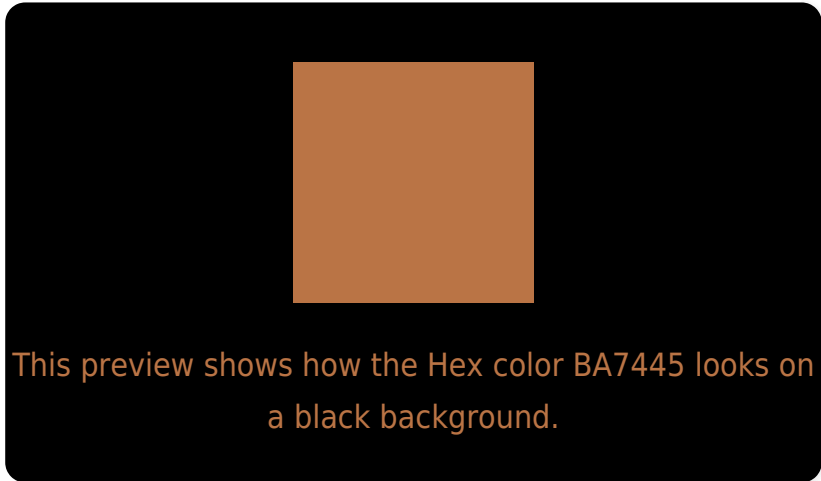
Large Text (above 18pt) WCAG AA ✓ Pass

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

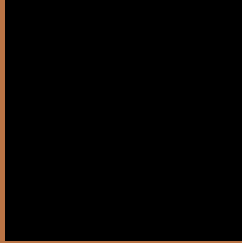
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA7445 Background



This preview shows how black text looks on a background with the Hex color BA7445.



This preview shows how white text looks on a background with the Hex color BA7445.

# 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**  
BA7445

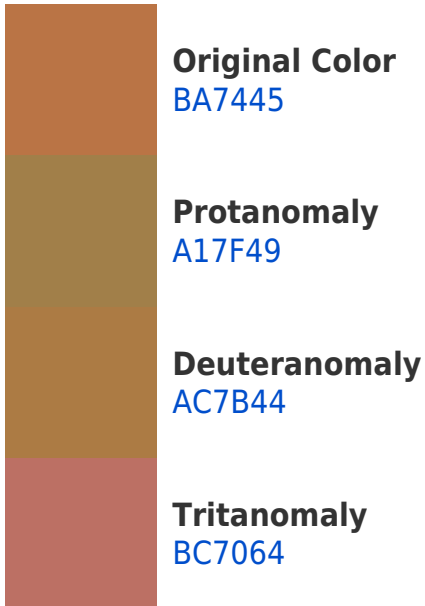
**Protanopia**  
92854B

**Deuteranopia**  
A47F43

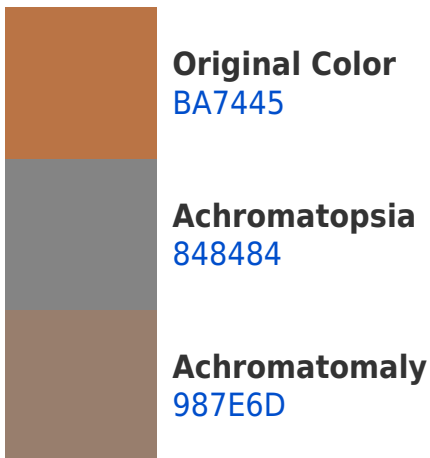


**Tritanopia**  
BD6E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA7445 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 #BA7445 looks like.

```
.text, #text, p{  
    color:#BA7445  
}
```

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 #BA7445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA7445
}
```

## Border

The CSS property to change the border of an element to Hex BA7445 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
#BA7445 }
```

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

```
.border{ border-color:#BA7445 }
```

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

Here you see how a box with a 4 pixel #BA7445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA7445; -webkit-box-shadow:4px 4px  
4px 4px #BA7445; box-shadow:4px 4px 4px  
4px #BA7445 }
```

# Background

The CSS property to change the background color of an element to Hex BA7445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA7445 }
```

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

```
.background{ background-color:#BA7445 }
```

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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