

# Converting Colors

Hex(BA7843)

Have a look what the booklet for  
Hex(BA7843) contains.

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**Color**

**Hex(BA7843)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA7843
RGB	186, 120, 67
RGB Percent	73%, 47%, 26%
CMY	0.2706, 0.5294, 0.7373
CMYK	0.00, 0.35, 0.64, 0.27
HSL	27°, 47%, 50%
HSV	27°, 64%, 73%
XYZ	27.9793, 24.2773, 8.5215
YIQ	133.6920, 56.3490, -2.4910

# Conversions

## Conversions Part 2

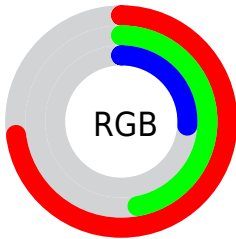
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 163, 67
Decimal	12220483
CIELab	56.36, 20.70, 39.22
CIELCh	56, 44.343, 62.179
Yxy	24.2773, 0.4604, 0.3994
Android (android.graphics.Color)	4290410563 (0xFFBA7843)
YUV	133.6920, -32.8792, 45.8741
Hunter-Lab	49.2720, 15.1359, 24.2363

# Details

The Hex color **BA7843** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4385BA**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F5AD75**, and **814713** is the 20% darker color. If you saturate the color by 10%, you get **BA6E30**, and if you desaturate by 10%, it is **BA8256**.

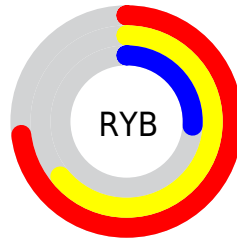
# Distribution



Red (73%)

Green (47%)

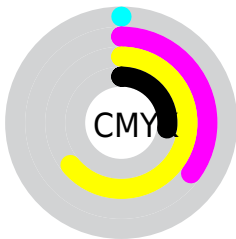
Blue (26%)



Red (73%)

Yellow (64%)

Blue (26%)

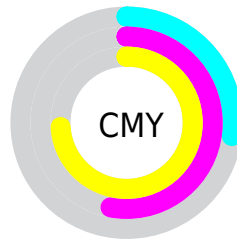


Cyan (0%)

Magenta (35%)

Yellow (64%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA7843 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 BA7843 by changing the saturation by 10% instead.



 BA7843

 BA7843

FFFFFF

 9D5F2B

 F5AD75

 814713

 FFC88F

 653000

 FFE4AA

 4A1A00

 FFFFC5

 2F0500

 FFFFEE

 0D0000

FFFFFFE

 000000

 BA7843

 BA7843

 BA6E30

 BA8256

 BA631E

 BA8D68

 BA590B

 BA977B

 BA5300

 BAA18D

 BAACA0

 BAB6B3

 BAC0C5

 BACBD8

 BAD5EA

# Harmonies

## Analogous

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



CD6B60



BA7843



9B8637

# Triad

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



BA7843



009B89



8D7CC9

# Complementary

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



BA7843



4385BA

# 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.



458AD4



BA7843



009AAF

# Square

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



BA7843



3F9862



0095CB



B96DAC

# Rectangle

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



BA7843



818E3C



0095CB



7981CF



# Sweetspot

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



BA7843



F2D9C4



BA4386



7A6B5E



FAFAFA



7A7A7A



# Same Dimension

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



BA7843



F28B38



BAB243



5C5753



9C4500



1C0C00



# Inverse Universe

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



4385BA



389FF2



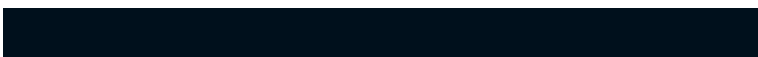
434BBA



53585C



00569C

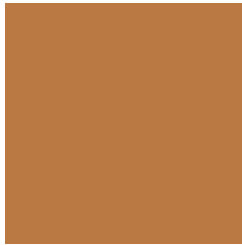


00101C



# Previews

## White Background



This preview shows how the Hex color BA7843 looks on a white background.

## Color Contrast Check

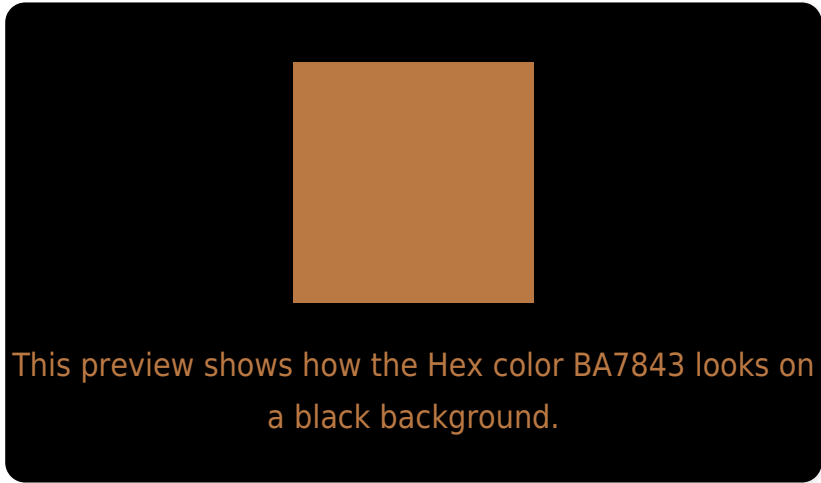
Large Text (above 18pt) WCAG AA ✓ Pass

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

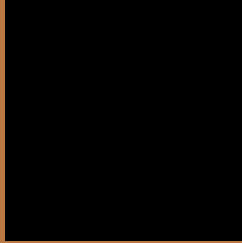
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA7843 Background



This preview shows how black text looks on a background with the Hex color BA7843.



This preview shows how white text looks on a background with the Hex color BA7843.

# 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**  
BA7843

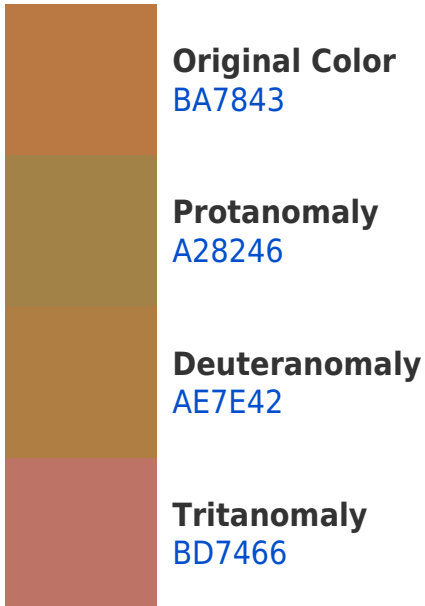
**Protanopia**  
958848

**Deuteranopia**  
A78141

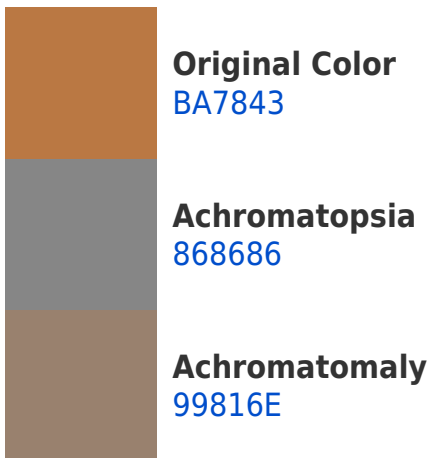


**Tritanopia**  
BE727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA7843 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 #BA7843 looks like.

```
.text, #text, p{  
    color:#BA7843  
}
```

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 #BA7843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA7843
}
```

## Border

The CSS property to change the border of an element to Hex BA7843 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
#BA7843 }
```

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

```
.border{ border-color:#BA7843 }
```

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

Here you see how a box with a 4 pixel #BA7843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA7843; -webkit-box-shadow:4px 4px  
4px 4px #BA7843; box-shadow:4px 4px 4px  
4px #BA7843 }
```

# Background

The CSS property to change the background color of an element to Hex BA7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA7843 }
```

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

```
.background{ background-color:#BA7843 }
```

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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