

# Converting Colors

Hex(B7853C)

Have a look what the booklet for  
Hex(B7853C) contains.

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**Color**

**Hex(B7853C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7853C
RGB	183, 133, 60
RGB Percent	72%, 52%, 24%
CMY	0.2824, 0.4784, 0.7647
CMYK	0.00, 0.27, 0.67, 0.28
HSL	36°, 51%, 48%
HSV	36°, 67%, 72%
XYZ	28.7316, 27.1686, 8.0047
YIQ	139.6280, 53.2330, -12.1030

# Conversions

## Conversions Part 2

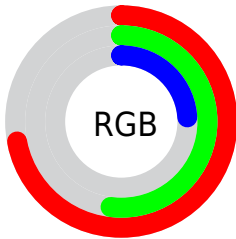
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 183, 60
Decimal	12027196
CIELab	59.13, 11.73, 45.75
CIELCh	59, 47.231, 75.621
Yxy	27.1686, 0.4496, 0.4251
Android (android.graphics.Color)	4290217276 (0xFFB7853C)
YUV	139.6280, -39.2566, 38.0372
Hunter-Lab	52.1235, 7.1769, 27.3812

# Details

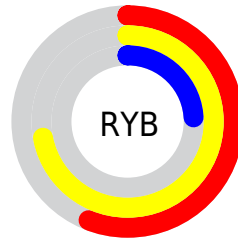
The Hex color **B7853C** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **3C6EB7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F2BA6E**, and **7E5406** is the 20% darker color. If you saturate the color by 10%, you get **B77E2A**, and if you desaturate by 10%, it is **B78C4E**.

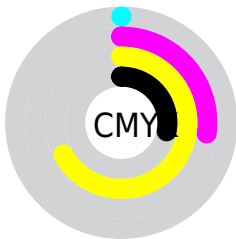
# Distribution



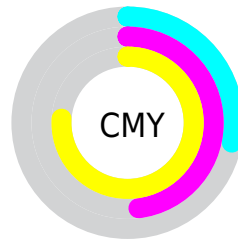
- Red (72%)
- Green (52%)
- Blue (24%)



- Red (56%)
- Yellow (72%)
- Blue (24%)



- Cyan (0%)
- Magenta (27%)
- Yellow (67%)
- Black (28%)



- Cyan (28%)
- Magenta (48%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7853C 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 B7853C by changing the saturation by 10% instead.



 B7853C

 B7853C

FFFFFF

 9A6C23

 F2BA6E

 7E5406

 FFD689

 633D00

 FFF2A4

 482700

 FFFFBF

 2E1300

 FFFFDB

 130000

 FFFFF8

 000000

 B7853C

 B7853C

 B77E2A

 B78C4E

 B77617

 B79461

 B76F05

 B79B73

 B76D00

 B7A385

 B7AA98

 B7B2AA

 B7B9BC

 B7C1CE

 B7C8E1

# Harmonies

## Analogous

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



D27655



B7853C



91933A

# Triad

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



B7853C



00A3A3



AD7BC9

# Complementary

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



B7853C



3C6EB7

# 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.



6F8BDE



B7853C



00A0C9

# Square

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



B7853C



04A278



0098DE



D16DA4

# Rectangle

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



B7853C



739A48



0098DE



9B80D2



# Sweetspot

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



B7853C



EDDABE



B73C6F



786C5B



F7F7F7



787878



# Same Dimension

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



B7853C



ED9F2D



ADB73C



5C5853



9C5C00



1C1100



# Inverse Universe

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



3C6EB7



2D7BED



463CB7



53565C



003F9C

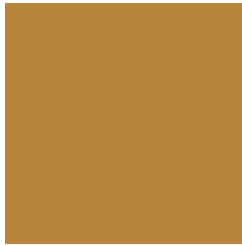


000B1C



# Previews

## White Background



This preview shows how the Hex color B7853C looks on a white background.

## Color Contrast Check

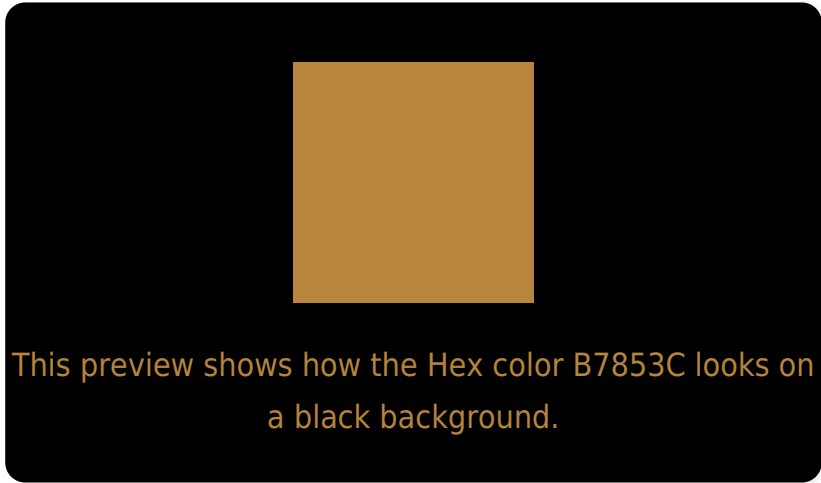
Large Text (above 18pt) WCAG AA ✓ Pass

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 B7853C Background



This preview shows how black text looks on a background with the Hex color B7853C.



This preview shows how white text looks on a background with the Hex color B7853C.

# 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**  
B7853C

**Protanopia**  
9E8F3F

**Deuteranopia**  
B1883B



**Tritanopia**  
BC7D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7853C 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 #B7853C looks like.

```
.text, #text, p{  
    color:#B7853C  
}
```

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 #B7853C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7853C
}
```

## Border

The CSS property to change the border of an element to Hex B7853C 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
#B7853C }
```

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

```
.border{ border-color:#B7853C }
```

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

Here you see how a box with a 4 pixel #B7853C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7853C; -webkit-box-shadow:4px 4px  
4px 4px #B7853C; box-shadow:4px 4px 4px  
4px #B7853C }
```

# Background

The CSS property to change the background color of an element to Hex B7853C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7853C }
```

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

```
.background{ background-color:#B7853C }
```

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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