

# Converting Colors

Hex(BD7A40)

Have a look what the booklet for  
Hex(BD7A40) contains.

|                                                |    |
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**Color**

**Hex(BD7A40)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | BD7A40                     |
| RGB           | 189, 122, 64               |
| RGB Percent   | 74%, 48%, 25%              |
| CMY           | 0.2588, 0.5216, 0.7490     |
| CMYK          | 0.00, 0.35, 0.66, 0.26     |
| HSL           | 28°, 49%, 50%              |
| HSV           | 28°, 66%, 74%              |
| XYZ           | 28.8712, 25.1080, 8.1751   |
| YIQ           | 135.4210, 58.5500, -3.8340 |

# Conversions

## Conversions Part 2

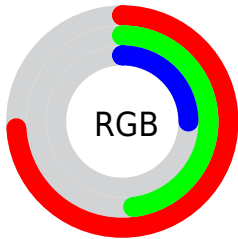
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 189, 172, 64                   |
| Decimal                             | 12417600                       |
| CIE Lab                             | 57.18, 20.67, 41.80            |
| CIE LCh                             | 57, 46.633, 63.682             |
| Yxy                                 | 25.1080, 0.4645,<br>0.4040     |
| Android<br>(android.graphics.Color) | 4290607680<br>(0xFFBD7A40)     |
| YUV                                 | 135.4210, -35.2106,<br>46.9888 |
| Hunter-Lab                          | 50.1079, 15.1593,<br>25.4023   |

# Details

The Hex color **BD7A40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4083BD**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F9AF72**, and **83490F** is the 20% darker color. If you saturate the color by 10%, you get **BD702D**, and if you desaturate by 10%, it is **BD8453**.

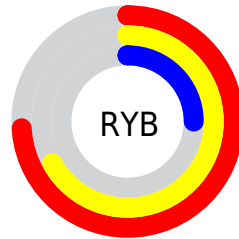
# Distribution



Red (74%)

Green (48%)

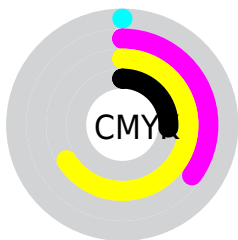
Blue (25%)



Red (74%)

Yellow (67%)

Blue (25%)

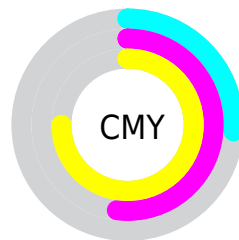


Cyan (0%)

Magenta (35%)

Yellow (66%)

Black (26%)



Cyan (26%)

Magenta (52%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD7A40 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 BD7A40 by changing the saturation by 10% instead.



 BD7A40

 BD7A40

FFFFFF

 A06128

 F9AF72

 83490F

 FFCA8C

 673200

 FFE6A7

 4C1C00

 FFFFC2

 310700

 FFFFDE

 130000

 FFFFFB

 000000

 BD7A40

 BD7A40

 BD702D

 BD8453

 BD661A

 BD8E66

 BD5C07

 BD9879

 BD5800

 BDA38C

 BDAD9F

 BDB7B1

 BDC1C4

 BDCBD7

 BDD5EA

# Harmonies

## Analogous

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



D16C5E



BD7A40



9C8934

# Triad

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



BD7A40



009E8D



927DCD

# Complementary

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



BD7A40



4083BD

# 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.



458CDA



BD7A40



009DB5

# Square

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



BD7A40



389B64



0097D2



BF6DAE

# Rectangle

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



BD7A40



81913B



0097D2



7D82D4



# Sweetspot

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



BD7A40



F5DBC4



BD4085



7A6B5D



FAFAFA



7A7A7A



# Same Dimension

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



BD7A40



F58D33



BDB740



5E5955



9E4900



1F0E00



# Inverse Universe

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



4083BD



339BF5



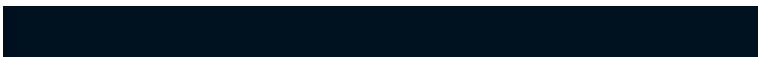
4046BD



555A5E



00559E

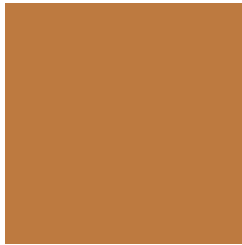


00101F



# Previews

## White Background



This preview shows how the Hex color BD7A40 looks on a white background.

## Color Contrast Check

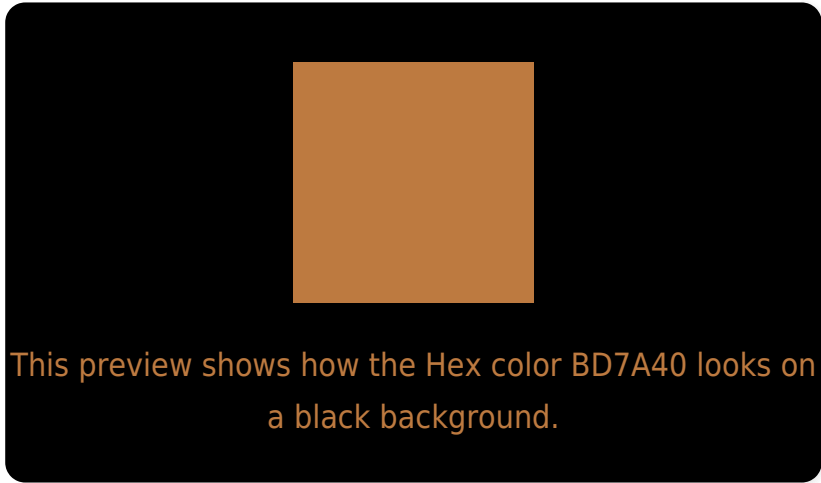
Large Text (above 18pt) WCAG AA ✓ Pass

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

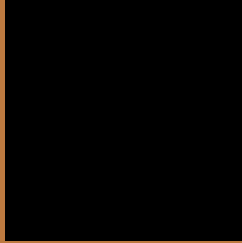
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD7A40 Background



This preview shows how black text looks on a background with the Hex color BD7A40.

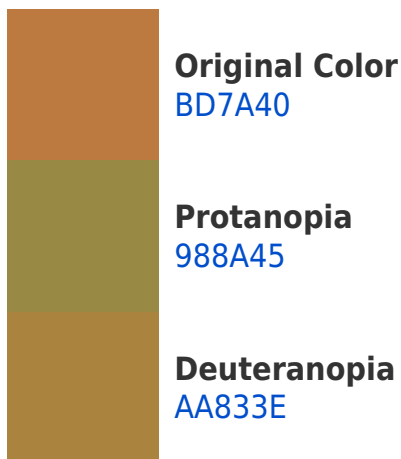


This preview shows how white text looks on a background with the Hex color BD7A40.

# 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](#).

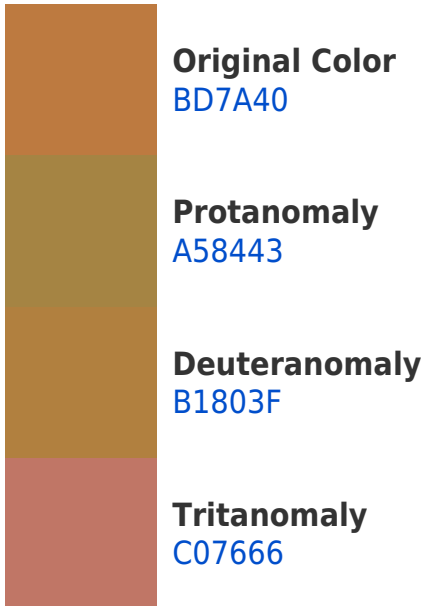
## Dichromacy



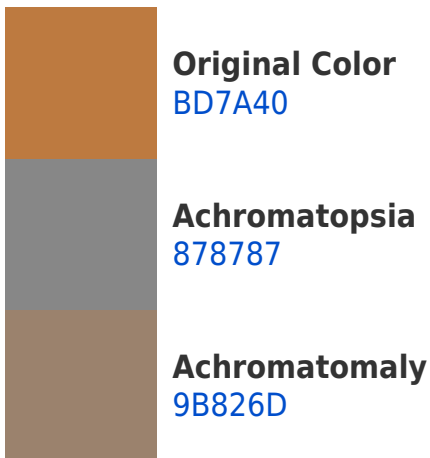


**Tritanopia**  
C1737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD7A40 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 #BD7A40 looks like.

```
.text, #text, p{  
    color:#BD7A40  
}
```

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 #BD7A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7A40
}
```

## Border

The CSS property to change the border of an element to Hex BD7A40 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
#BD7A40 }
```

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

```
.border{ border-color:#BD7A40 }
```

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

Here you see how a box with a 4 pixel #BD7A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7A40; -webkit-box-shadow:4px 4px  
4px 4px #BD7A40; box-shadow:4px 4px 4px  
4px #BD7A40 }
```

# Background

The CSS property to change the background color of an element to Hex BD7A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7A40 }
```

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

```
.background{ background-color:#BD7A40 }
```

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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