

# Converting Colors

Hex(BC7461)

Have a look what the booklet for  
Hex(BC7461) contains.

<b>Hex(BC7461)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(BC7461)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC7461
RGB	188, 116, 97
RGB Percent	74%, 45%, 38%
CMY	0.2627, 0.5451, 0.6196
CMYK	0.00, 0.38, 0.48, 0.26
HSL	13°, 40%, 56%
HSV	13°, 48%, 74%
XYZ	29.1421, 24.0452, 14.4145
YIQ	135.3620, 49.0110, 9.3550

# Conversions

## Conversions Part 2

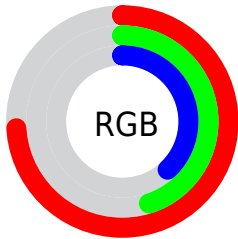
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 121, 97
Decimal	12350561
CIE Lab	56.13, 26.24, 22.44
CIE LCh	56, 34.522, 40.533
Yxy	24.0452, 0.4311, 0.3557
Android (android.graphics.Color)	4290540641 (0xFFBC7461)
YUV	135.3620, -18.9125, 46.1635
Hunter-Lab	49.0359, 20.2699, 16.8964

# Details

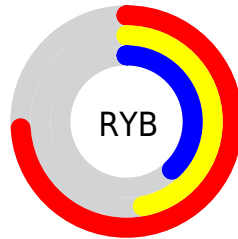
The Hex color **BC7461** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61A9BC**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F7A994**, and **844332** is the 20% darker color. If you saturate the color by 10%, you get **BC654E**, and if you desaturate by 10%, it is **BC8374**.

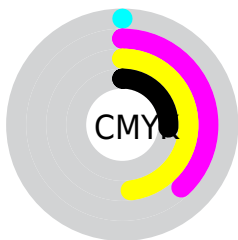
# Distribution



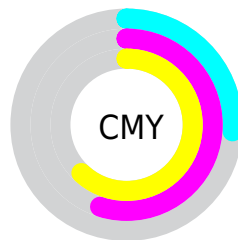
- Red (74%)
- Green (45%)
- Blue (38%)



- Red (74%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (38%)
- Yellow (48%)
- Black (26%)



- Cyan (26%)
- Magenta (55%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC7461 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 BC7461 by changing the saturation by 10% instead.



 BC7461

 BC7461

FFFFFF

 9F5B49

 F7A994

 844332

 FFC4AE

 682B1D

 FFE0CA

 4E1405

 FFFDE6

 340000

 150000

 000000

 BC7461

 BC7461

 BC654E

 BC8374

 BC563B

 BC9287

 BC4729

 BCA199

 BC3916

 BCAFAC

 BC2A03

 BCBEBF

 BC2700

 BCCDD2

 BCDCE5

 BCEBF7

 BCFAFF

# Harmonies

## Analogous

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



C06F7D



BC7461



AA7E4E

# Triad

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



BC7461



489572



6B86C1

# Complementary

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



BC7461



61A9BC

# 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.



308FBF



BC7461



089690

# Square

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



BC7461



6F9058



0095AD



977BB4

# Rectangle

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



BC7461



99854A



0095AD



5A89C2



# Sweetspot

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



BC7461



F5D8D0



BC61AA



7A6964



FAFAFA



7A7A7A



# Same Dimension

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



BC7461



F58467



BCA161



5E5755



9E2100



1F0600



# Inverse Universe

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



61A9BC



67D7F5



617CBC



555C5E



007D9E



00181F



# Previews

## White Background



This preview shows how the Hex color BC7461 looks on a white background.

## Color Contrast Check

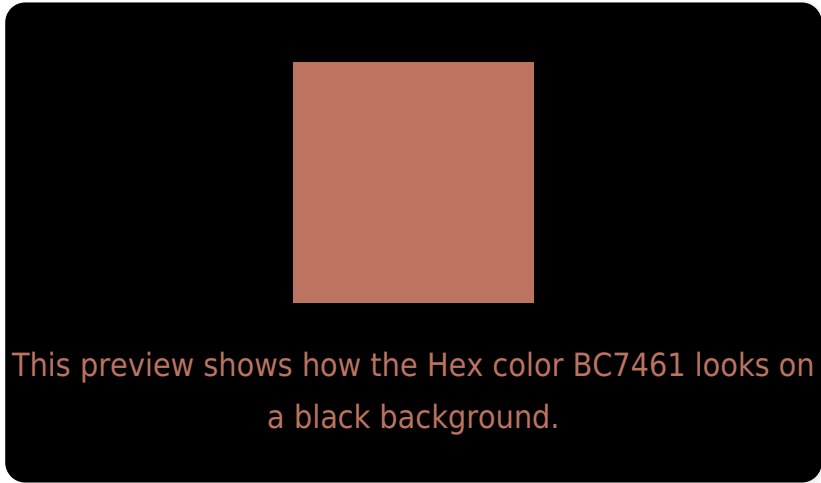
Large Text (above 18pt) WCAG AA ✓ Pass

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

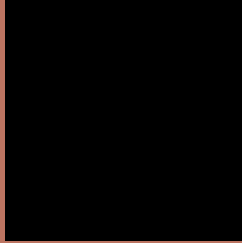
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BC7461 Background



This preview shows how black text looks on a background with the Hex color BC7461.



This preview shows how white text looks on a background with the Hex color BC7461.

# 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**  
BC7461

**Protanopia**  
908769

**Deuteranopia**  
A1815F



**Tritanopia**  
BE7179

# Trichromacy



**Original Color**  
BC7461

**Protanomaly**  
A08066

**Deuteranomaly**  
AB7C60

**Tritanomaly**  
BD7270

# Monochromacy



**Original Color**  
BC7461

**Achromatopsia**  
878787

**Achromatomaly**  
9A8079

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC7461 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 #BC7461 looks like.

```
.text, #text, p{  
    color:#BC7461  
}
```

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 #BC7461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC7461
}
```

## Border

The CSS property to change the border of an element to Hex BC7461 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
#BC7461 }
```

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

```
.border{ border-color:#BC7461 }
```

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

Here you see how a box with a 4 pixel #BC7461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC7461; -webkit-box-shadow:4px 4px  
4px 4px #BC7461; box-shadow:4px 4px 4px  
4px #BC7461 }
```

# Background

The CSS property to change the background color of an element to Hex BC7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC7461 }
```

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

```
.background{ background-color:#BC7461 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor