

# Converting Colors

Hex(BE7464)

Have a look what the booklet for  
Hex(BE7464) contains.

<b>Hex(BE7464)</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(BE7464)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE7464
RGB	190, 116, 100
RGB Percent	75%, 45%, 39%
CMY	0.2549, 0.5451, 0.6078
CMYK	0.00, 0.39, 0.47, 0.25
HSL	11°, 41%, 57%
HSV	11°, 47%, 75%
XYZ	29.7808, 24.3580, 15.1885
YIQ	136.3020, 49.2400, 10.7120

# Conversions

## Conversions Part 2

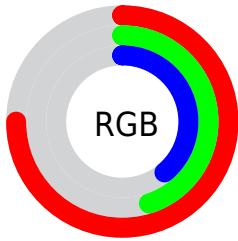
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 119, 100
Decimal	12481636
CIE <sub>Lab</sub>	56.44, 27.34, 21.18
CIE <sub>LCh</sub>	56, 34.585, 37.763
Yxy	24.3580, 0.4296, 0.3513
Android (android.graphics.Color)	4290671716 (0xFFBE7464)
YUV	136.3020, -17.8969, 47.0931
Hunter-Lab	49.3539, 21.3403, 16.3013

# Details

The Hex color **BE7464** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64AEBE**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F9A997**, and **854335** is the 20% darker color. If you saturate the color by 10%, you get **BE6451**, and if you desaturate by 10%, it is **BE8477**.

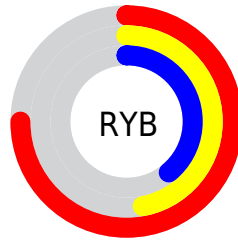
# Distribution



Red (75%)

Green (45%)

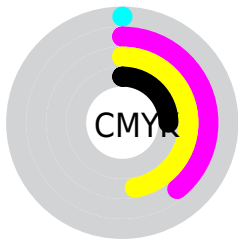
Blue (39%)



Red (75%)

Yellow (47%)

Blue (39%)

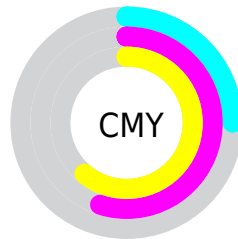


Cyan (0%)

Magenta (39%)

Yellow (47%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE7464 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 BE7464 by changing the saturation by 10% instead.



 BE7464

 BE7464

FFFFFF

 A15B4C

 F9A997

 854335

 FFC4B2

 6A2B20

 FFE0CD

 4F1409

 FFFDE9

 350000

 190001

 000000

 BE7464

 BE7464

 BE6451

 BE8477

 BE553E

 BE938A

 BE452B

 BEA39D

 BE3618

 BEB2B0

 BE2605

 BEC2C3

 BE2200

 BED2D6

 BEE1E9

 BEF1FC

 BEFFFF

# Harmonies

## Analogous

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



C16F81



BE7464



AD7E50

# Triad

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



BE7464



4C9570



6788C3

# Complementary

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



BE7464



64AEBE

# 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.



2A91BE



BE7464



15978E

# Square

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



BE7464



739057



0096AB



957DB7

# Rectangle

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



BE7464



9D854B



0096AB



558BC3

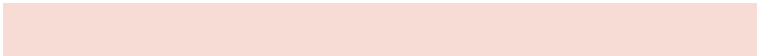


# Sweetspot

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



BE7464



F7DBD5



BE64AF



7D6B68



FCFCFC



7D7D7D



# Same Dimension

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



BE7464



F7836A



BEA064



5E5755



9E1C00



1F0500



# Inverse Universe

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



64AEBE



6ADEF7



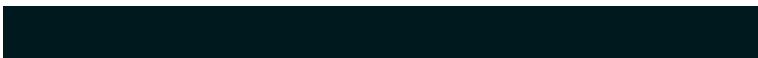
6482BE



555D5E



00829E



00191F



# Previews

## White Background



This preview shows how the Hex color BE7464 looks on a white background.

## Color Contrast Check

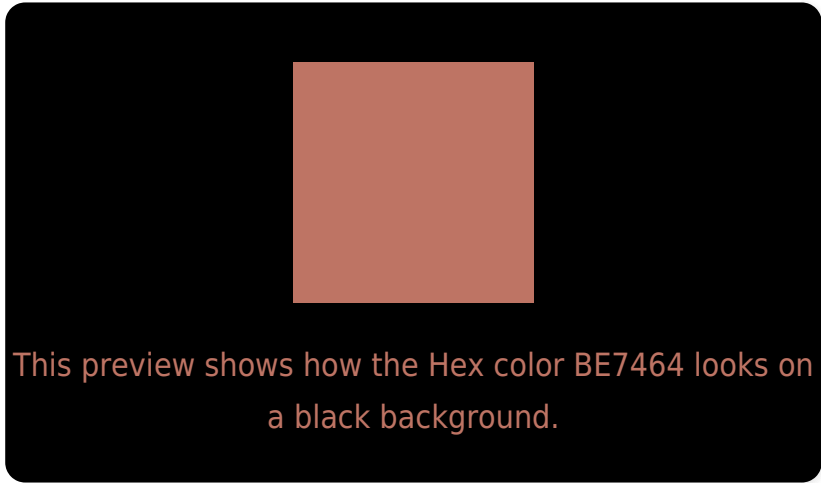
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE7464 Background



This preview shows how black text looks on a background with the Hex color BE7464.



This preview shows how white text looks on a background with the Hex color BE7464.

# 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**  
BE7464

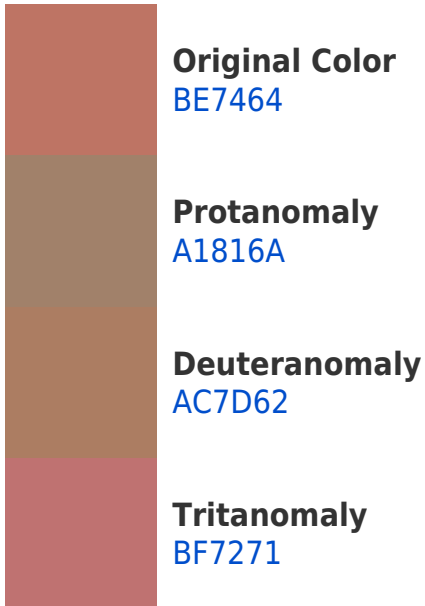
**Protanopia**  
90886D

**Deuteranopia**  
A18261

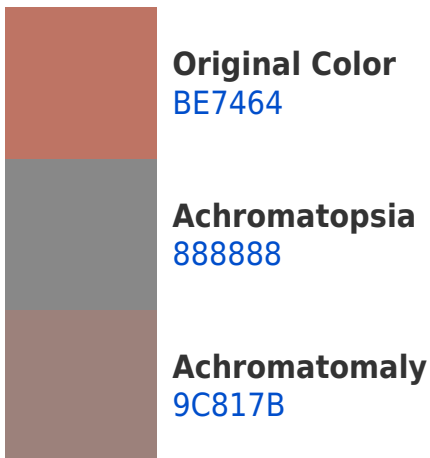


**Tritanopia**  
C07179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE7464 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 #BE7464 looks like.

```
.text, #text, p{  
    color:#BE7464  
}
```

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 #BE7464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE7464
}
```

## Border

The CSS property to change the border of an element to Hex BE7464 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
#BE7464 }
```

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

```
.border{ border-color:#BE7464 }
```

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

Here you see how a box with a 4 pixel #BE7464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE7464; -webkit-box-shadow:4px 4px  
4px 4px #BE7464; box-shadow:4px 4px 4px  
4px #BE7464 }
```

# Background

The CSS property to change the background color of an element to Hex BE7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE7464 }
```

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

```
.background{ background-color:#BE7464 }
```

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