

# Converting Colors

Hex(C7716B)

Have a look what the booklet for  
Hex(C7716B) contains.

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**Color**

**Hex(C7716B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7716B
RGB	199, 113, 107
RGB Percent	78%, 44%, 42%
CMY	0.2196, 0.5569, 0.5804
CMYK	0.00, 0.43, 0.46, 0.22
HSL	4°, 45%, 60%
HSV	4°, 46%, 78%
XYZ	32.1122, 25.0139, 17.0456
YIQ	138.0300, 53.1820, 16.3660

# Conversions

## Conversions Part 2

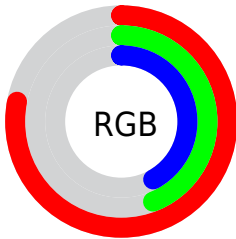
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 113, 107
Decimal	13070699
CIELab	57.09, 33.20, 18.22
CIELCh	57, 37.876, 28.762
Yxy	25.0139, 0.4329, 0.3372
Android (android.graphics.Color)	4291260779 (0xFFC7716B)
YUV	138.0300, -15.2978, 53.4707
Hunter-Lab	50.0139, 27.0842, 14.8027

# Details

The Hex color **C7716B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6BC1C7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA69E**, and **8E3F3C** is the 20% darker color. If you saturate the color by 10%, you get **C75E57**, and if you desaturate by 10%, it is **C7847F**.

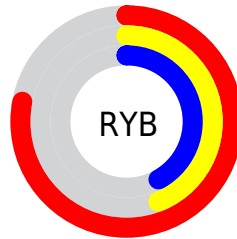
# Distribution



Red (78%)

Green (44%)

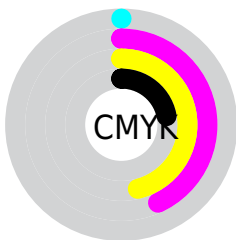
Blue (42%)



Red (78%)

Yellow (44%)

Blue (42%)

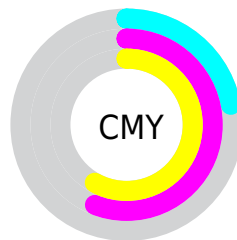


Cyan (0%)

Magenta (43%)

Yellow (46%)

Black (22%)



Cyan (22%)

Magenta (56%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7716B 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 C7716B by changing the saturation by 10% instead.



 C7716B

 C7716B

FFFFFF

 AA5853

 FFA69E

 8E3F3C

 FFC2B9

 722626

 FFDED5

 570C12

 FFFBF1

 3C0000

 220001

 000000

 C7716B

 C7716B

 C75E57

 C7847F

 C74C43

 C79693

 C7392F

 C7A9A7

 C7271B

 C7BBBB

 C71408

 C7CECF

 C70D00

 C7E1E2

 C7F3F6

 C7FFFF

# Harmonies

## Analogous

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



C56E8C



C7716B



B97B51

# Triad

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



C7716B



559766



518DCB

# Complementary

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



C7716B



6BC1C7

# 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.



0095C1



C7716B



149A86

# Square

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



C7716B



7D914D



009AA8



8A81C3

# Rectangle

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



C7716B



A88348



009AA8



3790C9

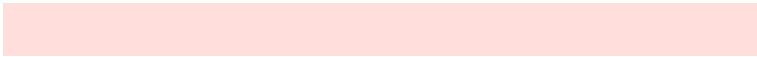


# Sweetspot

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



C7716B



FFDEDB



C76BC2



806B6A



000000



808080



# Same Dimension

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



C7716B



FF7C73



C79E6B



635A5A



A30B00



240200



# Inverse Universe

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



6BC1C7



73F6FF



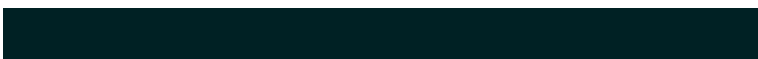
6B94C7



5A6363



0099A3

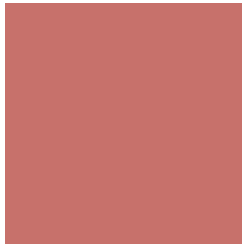


002124



# Previews

## White Background



This preview shows how the Hex color C7716B looks on a white background.

## Color Contrast Check

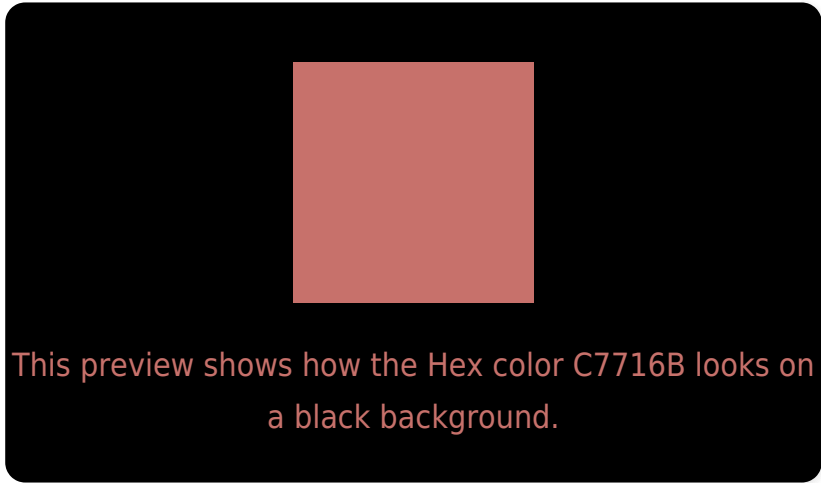
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7716B Background



This preview shows how black text looks on a background with the Hex color C7716B.



This preview shows how white text looks on a background with the Hex color C7716B.

# 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](#).

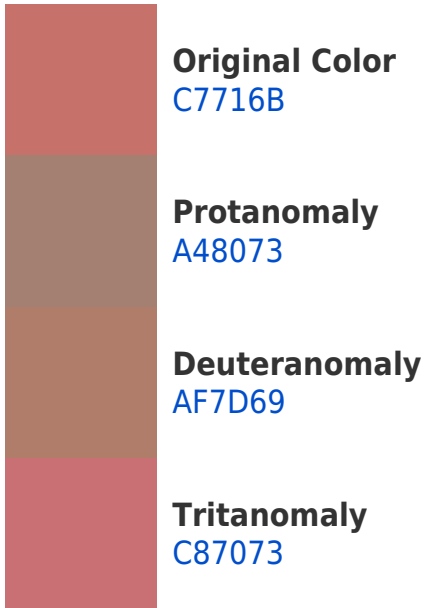
## Dichromacy



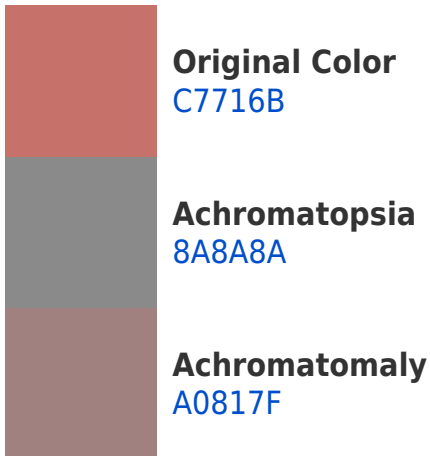


**Tritanopia**  
C86F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7716B 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 #C7716B looks like.

```
.text, #text, p{  
    color:#C7716B  
}
```

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 #C7716B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7716B
}
```

## Border

The CSS property to change the border of an element to Hex C7716B is called "border". The border property can be set on classes, ids or directly on the HTML element.

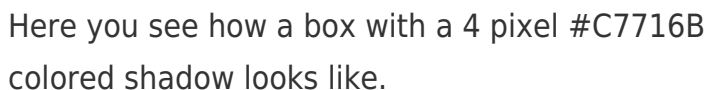
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7716B }
```

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

```
.border{ border-color:#C7716B }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, matching the #C7716B color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #C7716B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7716B; -webkit-box-shadow:4px 4px  
4px 4px #C7716B; box-shadow:4px 4px 4px  
4px #C7716B }
```

# Background

The CSS property to change the background color of an element to Hex C7716B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7716B }
```

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

```
.background{ background-color:#C7716B }
```

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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