

# Converting Colors

Hex(C7985C)

Have a look what the booklet for  
Hex(C7985C) contains.

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**Color**

**Hex(C7985C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7985C
RGB	199, 152, 92
RGB Percent	78%, 60%, 36%
CMY	0.2196, 0.4039, 0.6392
CMYK	0.00, 0.24, 0.54, 0.22
HSL	34°, 49%, 57%
HSV	34°, 54%, 78%
XYZ	36.7132, 35.3713, 15.0176
YIQ	159.2130, 47.2720, -8.6960

# Conversions

## Conversions Part 2

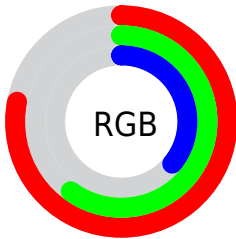
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">176, 199, 92</a>
Decimal	<a href="#">13080668</a>
<a href="#">CIELab</a>	<a href="#">66.04, 10.53, 38.11</a>
<a href="#">CIELCh</a>	<a href="#">66, 39.537, 74.553</a>
<a href="#">Yxy</a>	<a href="#">35.3713, 0.4215, 0.4061</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291270748 (0xFFC7985C)</a>
<a href="#">YUV</a>	<a href="#">159.2130, -33.1360, 34.8932</a>
<a href="#">Hunter-Lab</a>	<a href="#">59.4738, 6.1091, 26.6605</a>

# Details

The Hex color **C7985C** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5C8BC7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFCE8F**, and **8E652C** is the 20% darker color. If you saturate the color by 10%, you get **C78F48**, and if you desaturate by 10%, it is **C7A170**.

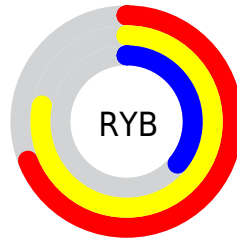
# Distribution



Red (78%)

Green (60%)

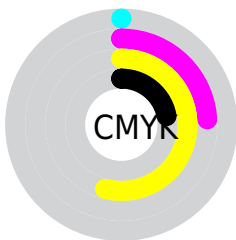
Blue (36%)



Red (69%)

Yellow (78%)

Blue (36%)

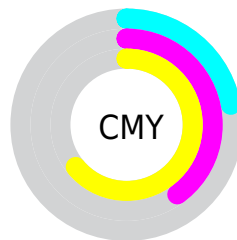


Cyan (0%)

Magenta (24%)

Yellow (54%)

Black (22%)



Cyan (22%)

Magenta (40%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7985C 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 C7985C by changing the saturation by 10% instead.



 C7985C

FFFFFF

 FFCE8F

 FFEAAA

 FFFFC6

 FFFFFE2

 C7985C

 C78F48

 C7985C

 AA7E43

 8E652C

 734D14

 583700

 3E2100

 250D00

 000000

 C7985C

 C7A170

 C78734

 C7A984

 C77E20

 C7B298

 C7750C

 C7BBAC

 C77000

 C7C4C0

 C7CCD3

 C7D5E7

 C7DEFB

 C7E7FF

# Harmonies

## Analogous

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



DE8C70



C7985C



A6A45A

# Triad

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



C7985C



00B3B1



BA91D3

# Complementary

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



C7985C



5C8BC7

# 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.



889EE5



C7985C



00B1D1

# Square

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



C7985C



4FB28C



44A9E4



DA87B4

# Rectangle

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



C7985C



8CAA65



44A9E4



AB95DB



# Sweetspot

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



C7985C



FFEDD6



C75C8C



807567



000000



808080



# Same Dimension

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



C7985C



FFB659



C2C75C



635F5A



A35C00



241400

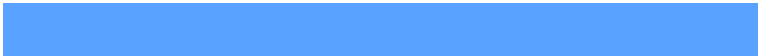


# Inverse Universe

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



5C8BC7



59A2FF



615CC7



5A5E63



0048A3

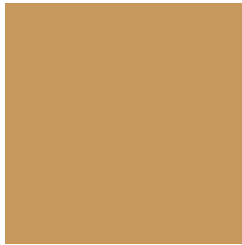


001024



# Previews

## White Background



This preview shows how the Hex color C7985C looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex C7985C Background



This preview shows how black text looks on a background with the Hex color C7985C.



This preview shows how white text looks on a background with the Hex color C7985C.

# 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**  
CC909B

# Trichromacy



**Original Color**  
C7985C

**Protanomaly**  
B89E5E

**Deuteranomaly**  
C5995C

**Tritanomaly**  
CA9384

# Monochromacy



**Original Color**  
C7985C

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
AE9C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7985C 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 #C7985C looks like.

```
.text, #text, p{  
    color:#C7985C  
}
```

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 #C7985C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7985C
}
```

## Border

The CSS property to change the border of an element to Hex C7985C 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
#C7985C }
```

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

```
.border{ border-color:#C7985C }
```

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

Here you see how a box with a 4 pixel #C7985C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7985C; -webkit-box-shadow:4px 4px  
4px 4px #C7985C; box-shadow:4px 4px 4px  
4px #C7985C }
```

# Background

The CSS property to change the background color of an element to Hex C7985C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7985C }
```

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

```
.background{ background-color:#C7985C }
```

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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