

# Converting Colors

Hex(C6785C)

Have a look what the booklet for  
Hex(C6785C) contains.

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**Color**

**Hex(C6785C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6785C
RGB	198, 120, 92
RGB Percent	78%, 47%, 36%
CMY	0.2235, 0.5294, 0.6392
CMYK	0.00, 0.39, 0.54, 0.22
HSL	16°, 48%, 57%
HSV	16°, 54%, 78%
XYZ	31.9369, 26.2114, 13.5013
YIQ	140.1300, 55.4760, 7.8280

# Conversions

## Conversions Part 2

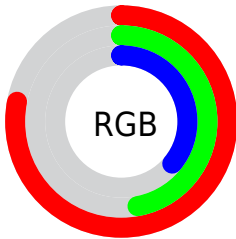
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 130, 92
Decimal	13006940
CIELab	58.24, 27.62, 28.26
CIELCh	58, 39.517, 45.660
Yxy	26.2114, 0.4457, 0.3658
Android (android.graphics.Color)	4291197020 (0xFFC6785C)
YUV	140.1300, -23.7281, 50.7520
Hunter-Lab	51.1971, 21.7541, 20.2025

# Details

The Hex color **C6785C** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5CAAC6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFAD8F**, and **8C462D** is the 20% darker color. If you saturate the color by 10%, you get **C66948**, and if you desaturate by 10%, it is **C68770**.

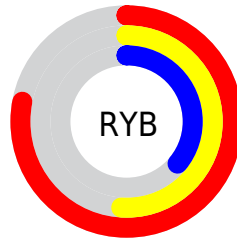
# Distribution



Red (78%)

Green (47%)

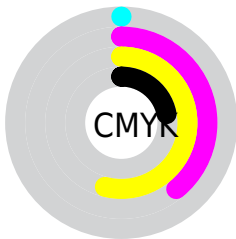
Blue (36%)



Red (78%)

Yellow (51%)

Blue (36%)

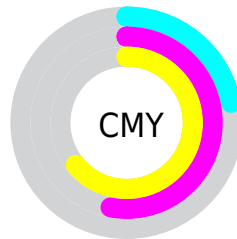


Cyan (0%)

Magenta (39%)

Yellow (54%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6785C 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 C6785C by changing the saturation by 10% instead.



 C6785C

 C6785C

FFFFFF

 A95F44

 FFAD8F

 8C462D

 FFC9A9

 702F18

 FFE5C5

 551700

 FFFFFE1

 3A0000

FFFFFFD

 220001

 000000

 C6785C

 C6785C

 C66948

 C68770

 C65B34

 C69584

 C64C21

 C6A497

 C63E0D

 C6B2AB

 C63400

 C6C1BF

 C6CFD3

 C6DEE7

 C6EDFA

 C6FBFF

# Harmonies

## Analogous

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



CE707B



C6785C



B08448

# Triad

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



C6785C



359D7A



7589CE

# Complementary

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



C6785C



5CAAC6

# 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.



2794CF



C6785C



009E9E

# Square

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



C6785C



69985A



009BBD



A67CBD

# Rectangle

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



C6785C



9B8C45



009BBD



608DD1

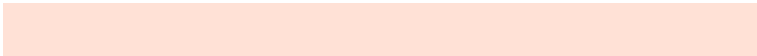


# Sweetspot

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



C6785C



FFE1D6



C65CAC



806E67



000000



808080



# Same Dimension

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



C6785C



FF875C



C6AC5C



635C5A



A32B00



240900



# Inverse Universe

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



5CAAC6



5CD4FF



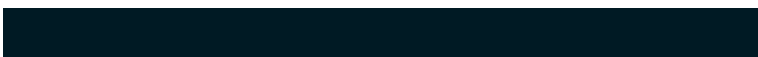
5C77C6



5A6163



0078A3



001A24



# Previews

## White Background



This preview shows how the Hex color C6785C looks on a white background.

## Color Contrast Check

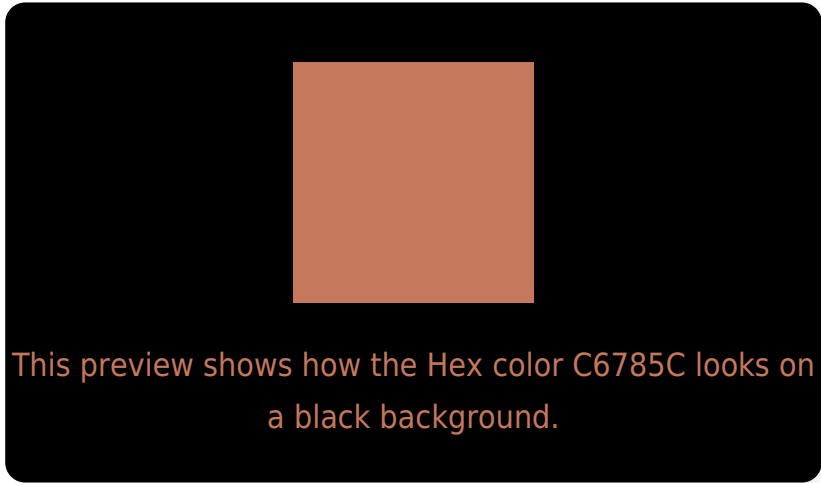
Large Text (above 18pt) WCAG AA ✓ Pass

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

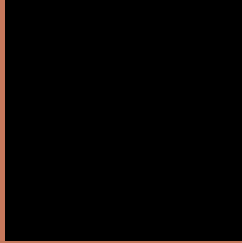
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C6785C Background



This preview shows how black text looks on a background with the Hex color C6785C.



This preview shows how white text looks on a background with the Hex color C6785C.

# 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**  
C6785C

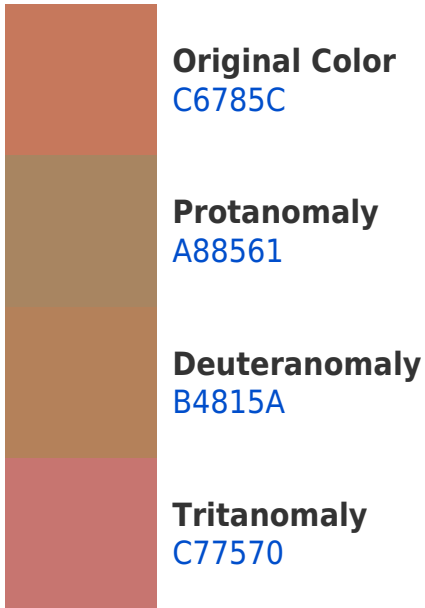
**Protanopia**  
978C64

**Deuteranopia**  
A98659

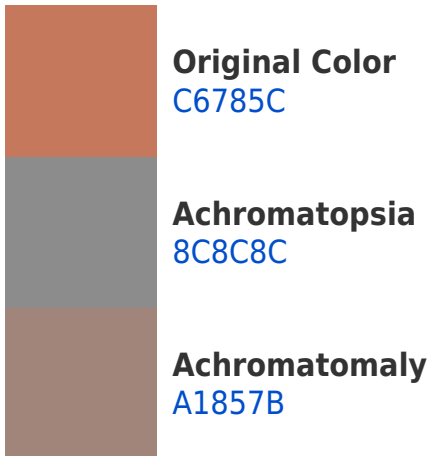


**Tritanopia**  
C8747C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6785C 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 #C6785C looks like.

```
.text, #text, p{  
    color:#C6785C  
}
```

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 #C6785C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6785C
}
```

## Border

The CSS property to change the border of an element to Hex C6785C 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
#C6785C }
```

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

```
.border{ border-color:#C6785C }
```

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

Here you see how a box with a 4 pixel #C6785C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6785C; -webkit-box-shadow:4px 4px  
4px 4px #C6785C; box-shadow:4px 4px 4px  
4px #C6785C }
```

# Background

The CSS property to change the background color of an element to Hex C6785C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6785C }
```

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

```
.background{ background-color:#C6785C }
```

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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