

# Converting Colors

Hex(C7786D)

Have a look what the booklet for  
Hex(C7786D) contains.

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**Color**

**Hex(C7786D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7786D
RGB	199, 120, 109
RGB Percent	78%, 47%, 43%
CMY	0.2196, 0.5294, 0.5725
CMYK	0.00, 0.40, 0.45, 0.22
HSL	7°, 45%, 60%
HSV	7°, 45%, 78%
XYZ	33.0300, 26.6792, 17.8767
YIQ	142.3670, 50.6150, 13.3270

# Conversions

## Conversions Part 2

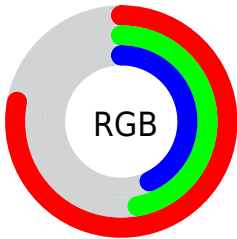
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 122, 109
Decimal	13072493
CIE Lab	58.68, 29.65, 19.24
CIE LCh	59, 35.342, 32.978
Yxy	26.6792, 0.4257, 0.3439
Android (android.graphics.Color)	4291262573 (0xFFC7786D)
YUV	142.3670, -16.4499, 49.6671
Hunter-Lab	51.6519, 23.7551, 15.6361

# Details

The Hex color **C7786D** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6DBCC7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFADA1**, and **8E463D** is the 20% darker color. If you saturate the color by 10%, you get **C76759**, and if you desaturate by 10%, it is **C78981**.

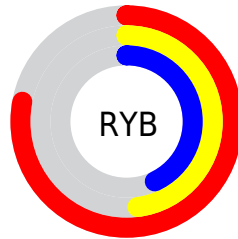
# Distribution



Red (78%)

Green (47%)

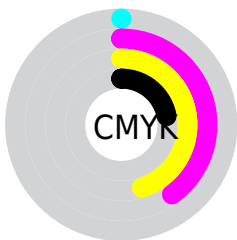
Blue (43%)



Red (78%)

Yellow (48%)

Blue (43%)

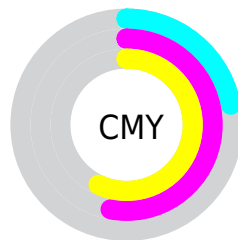


Cyan (0%)

Magenta (40%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (53%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7786D 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 C7786D by changing the saturation by 10% instead.



 C7786D

 C7786D

FFFFFF

 AA5F55

 FFADA1

 8E463D

 FFC9BC

 722E28

 FFE5D7

 571613

 FFFFF4

 3D0000

 260001

 000000

 C7786D

 C7786D

 C76759

 C78981

 C75545

 C79B95

 C74431

 C7ACA9

 C7321D

 C7BEBD

 C7210A

 C7CFD1

 C71800

 C7E1E4

 C7F2F8

 C7FFFF

# Harmonies

## Analogous

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



C7758B



C7786D



B88157

# Triad

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



C7786D



579B70



648FCB

# Complementary

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



C7786D



6DBCC7

# 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.



2198C4



C7786D



259E8F

# Square

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



C7786D



7E9558



009DAE



9484C1

# Rectangle

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



C7786D



A8894F



009DAE



5092CA

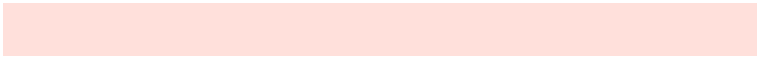


# Sweetspot

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



C7786D



FFE0DB



C76DBD



806C6A



000000



808080



# Same Dimension

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



C7786D



FF8675



C7A56D



635B5A



A31400



240400



# Inverse Universe

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



6DBCC7



75EEFF



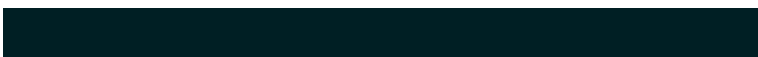
6D90C7



5A6263



008FA3



001F24



# Previews

## White Background



This preview shows how the Hex color C7786D looks on a white background.

## Color Contrast Check

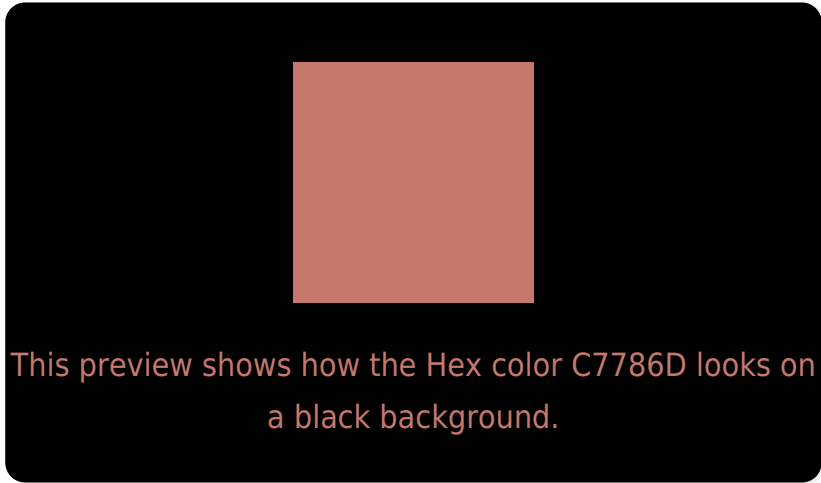
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7786D Background



This preview shows how black text looks on a background with the Hex color C7786D.



This preview shows how white text looks on a background with the Hex color C7786D.

# 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**  
C8757E

# Trichromacy



**Original Color**  
C7786D

**Protanomaly**  
A78573

**Deuteranomaly**  
B3826B

**Tritanomaly**  
C87678

# Monochromacy



**Original Color**  
C7786D

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
A38682

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7786D 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 #C7786D looks like.

```
.text, #text, p{  
    color:#C7786D  
}
```

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 #C7786D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7786D
}
```

## Border

The CSS property to change the border of an element to Hex C7786D is called "border". The border property can be set on classes, ids or directly on the HTML element.

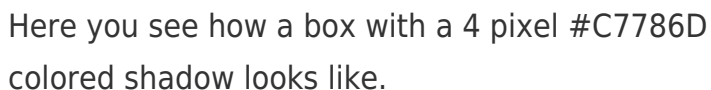
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7786D }
```

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

```
.border{ border-color:#C7786D }
```

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



Here you see how a box with a 4 pixel #C7786D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7786D; -webkit-box-shadow:4px 4px  
4px 4px #C7786D; box-shadow:4px 4px 4px  
4px #C7786D }
```

# Background

The CSS property to change the background color of an element to Hex C7786D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7786D }
```

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

```
.background{ background-color:#C7786D }
```

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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