

# Converting Colors

Hex(C9726E)

Have a look what the booklet for  
Hex(C9726E) contains.

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# Color

Hex(C9726E)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C9726E                     |
| RGB           | 201, 114, 110              |
| RGB Percent   | 79%, 45%, 43%              |
| CMY           | 0.2118, 0.5529, 0.5686     |
| CMYK          | 0.00, 0.43, 0.45, 0.21     |
| HSL           | 3°, 46%, 61%               |
| HSV           | 3°, 45%, 79%               |
| XYZ           | 32.9192, 25.5779, 17.9539  |
| YIQ           | 139.5570, 53.1360, 17.2000 |

# Conversions

## Conversions Part 2

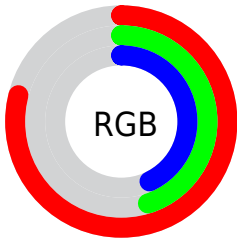
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 201, 114, 110                  |
| Decimal                             | 13202030                       |
| CIE Lab                             | 57.63, 33.75, 17.28            |
| CIE LCh                             | 58, 37.914, 27.120             |
| Yxy                                 | 25.5779, 0.4306,<br>0.3346     |
| Android<br>(android.graphics.Color) | 4291392110<br>(0xFFC9726E)     |
| YUV                                 | 139.5570, -14.5716,<br>53.8855 |
| Hunter-Lab                          | 50.5746, 27.6806,<br>14.3544   |

# Details

The Hex color **C9726E** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6EC5C9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA7A2**, and **90403E** is the 20% darker color. If you saturate the color by 10%, you get **C95F5A**, and if you desaturate by 10%, it is **C98582**.

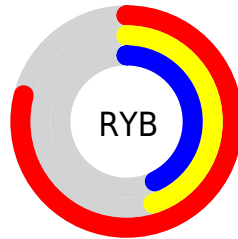
# Distribution



Red (79%)

Green (45%)

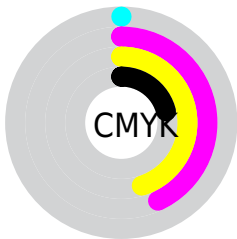
Blue (43%)



Red (79%)

Yellow (45%)

Blue (43%)

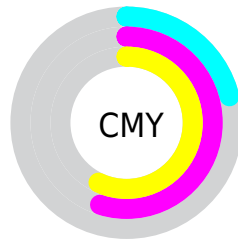


Cyan (0%)

Magenta (43%)

Yellow (45%)

Black (21%)



Cyan (21%)

Magenta (55%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9726E 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 C9726E by changing the saturation by 10% instead.



 C9726E

 C9726E

FFFFFF

 AC5956

 FFA7A2

 90403E

 FFC3BD

 742729

 FFDFD8

 580D14

 FFFCF5

 3E0000

 250001

 000000

 C9726E

 C9726E

 C95F5A

 C98582

 C94C46

 C99896

 C93832

 C9ACAA

 C9251E

 C9BFBE

 C9120A

 C9D2D3

 C90900

 C9E5E7

 C9F9FB

 C9FFFF

# Harmonies

## Analogous

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



C6708F



C9726E



BB7C54

# Triad

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



C9726E



599865



4E8FCC

# Complementary

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



C9726E



6EC5C9

# 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.



0097C1



C9726E



1D9B86

# Square

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



C9726E



81914E



009BA8



8983C5

# Rectangle

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



C9726E



AB8449



009BA8



3492CA



# Sweetspot

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



C9726E



FFDDBB



C96EC6



806B6A



000000



808080



# Same Dimension

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



C9726E



FF7B75



C99F6E



635A5A



A30700



240200



# Inverse Universe

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



6EC5C9



75F9FF



6E98C9



5A6363



009CA3

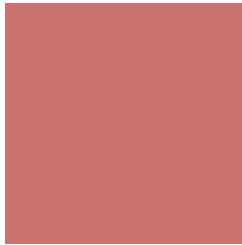


002224



# Previews

## White Background



This preview shows how the Hex color C9726E 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 C9726E Background



This preview shows how black text looks on a background with the Hex color C9726E.



This preview shows how white text looks on a background with the Hex color C9726E.

# 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



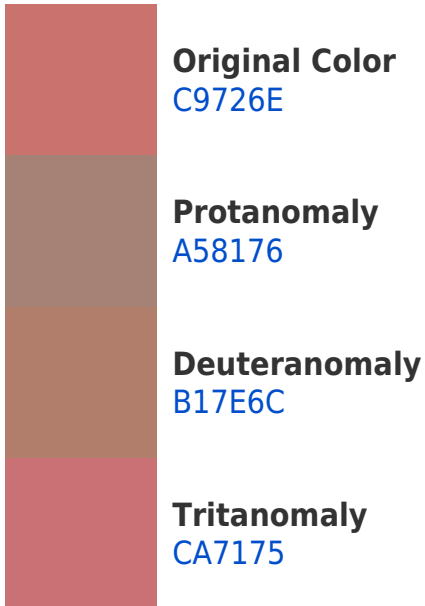
**Original Color**  
C9726E

**Protanopia**  
918A7A

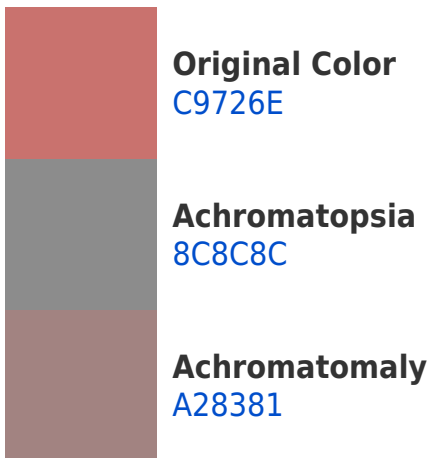
**Deuteranopia**  
A3856B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9726E 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 #C9726E looks like.

```
.text, #text, p{  
    color:#C9726E  
}
```

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 #C9726E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9726E
}
```

## Border

The CSS property to change the border of an element to Hex C9726E is called "border". The border property can be set on classes, ids or directly on the HTML element.

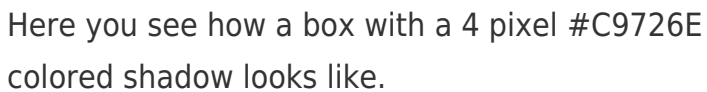
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C9726E }
```

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

```
.border{ border-color:#C9726E }
```

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 darker red color, extending 4 pixels to the right and 4 pixels down from the bottom-right corner of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C9726E colored shadow looks like."

Here you see how a box with a 4 pixel #C9726E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9726E; -webkit-box-shadow:4px 4px  
4px 4px #C9726E; box-shadow:4px 4px 4px  
4px #C9726E }
```

# Background

The CSS property to change the background color of an element to Hex C9726E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9726E }
```

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

```
.background{ background-color:#C9726E }
```

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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