

# Converting Colors

Hex(C97974)

Have a look what the booklet for  
Hex(C97974) contains.

<b>Hex(C97974)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C97974)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C97974
RGB	201, 121, 116
RGB Percent	79%, 47%, 45%
CMY	0.2118, 0.5255, 0.5451
CMYK	0.00, 0.40, 0.42, 0.21
HSL	4°, 44%, 62%
HSV	4°, 42%, 79%
XYZ	34.0772, 27.3532, 20.0066
YIQ	144.3500, 49.2850, 15.4050

# Conversions

## Conversions Part 2

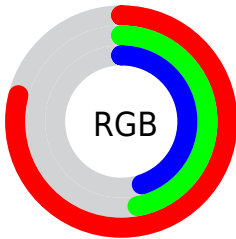
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 121, 116
Decimal	13203828
CIE <sub>Lab</sub>	59.30, 30.64, 16.13
CIE <sub>LCh</sub>	59, 34.621, 27.760
Yxy	27.3532, 0.4184, 0.3359
Android (android.graphics.Color)	4291393908 (0xFFC97974)
YUV	144.3500, -13.9765, 49.6821
Hunter-Lab	52.3003, 24.7792, 13.9298

# Details

The Hex color **C97974** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **74C4C9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFAEA8**, and **904744** is the 20% darker color. If you saturate the color by 10%, you get **C96660**, and if you desaturate by 10%, it is **C98C88**.

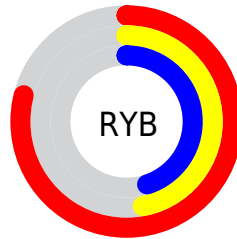
# Distribution



Red (79%)

Green (47%)

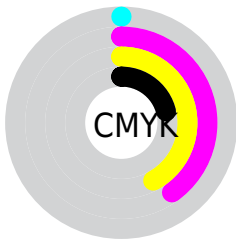
Blue (45%)



Red (79%)

Yellow (47%)

Blue (45%)

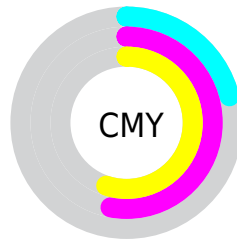


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (21%)



Cyan (21%)

Magenta (53%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C97974 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 C97974 by changing the saturation by 10% instead.



 C97974

 C97974

FFFFFF

 AC605B

 FFAEA8

 904744

 FFCAC3

 752F2E

 FFE6DF

 5A1719

FFFFFFC

 400000

 290001

 000000

 C97974

 C97974

 C96660

 C98C88

 C9534C

 C99F9C

 C94038

 C9B2B0

 C92D24

 C9C5C4

 C91A10

 C9D8D9

 C90C00

 C9EBED

 C9FDFE

 C9FFFF

# Harmonies

## Analogous

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



C77792



C97974



BC825C

# Triad

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



C97974



619C6D



5D92CB

# Complementary

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



C97974



74C4C9

# 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.



1E9AC1



C97974



369F8B

# Square

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



C97974



859558



009EAA



8F88C5

# Rectangle

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



C97974



AD8953



009EAA



4A95CA

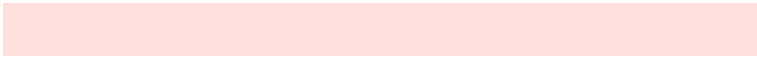


# Sweetspot

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



C97974



FFE0DE



C974C5



806C6B



000000



808080



# Same Dimension

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



C97974



FF857D



C9A374



635A5A



A30A00



240200



# Inverse Universe

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



74C4C9



7DF7FF



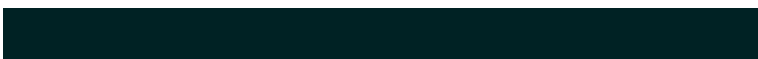
749AC9



5A6363



009AA3



002224



# Previews

## White Background



This preview shows how the Hex color C97974 looks on a white background.

## Color Contrast Check

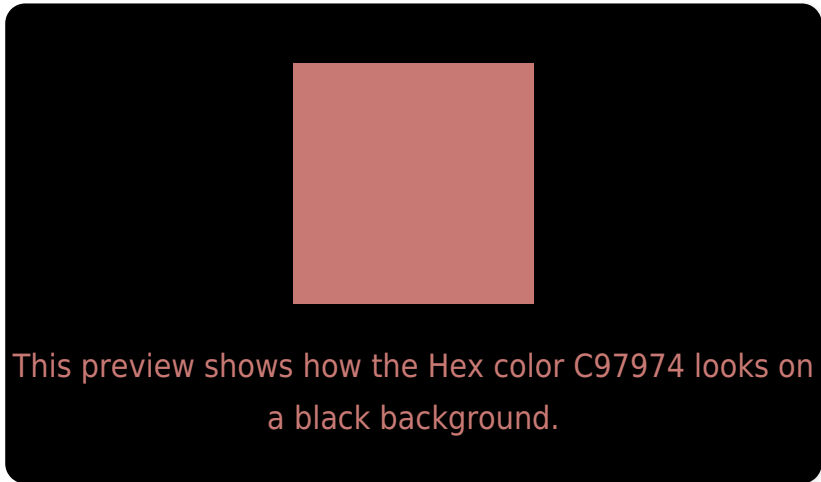
Large Text (above 18pt) WCAG AA ✓ Pass

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 C97974 Background



This preview shows how black text looks on a background with the Hex color C97974.



This preview shows how white text looks on a background with the Hex color C97974.

# 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**  
CA7780

# Trichromacy



**Original Color**  
C97974

**Protanomaly**  
A9877B

**Deuteranomaly**  
B38372

**Tritanomaly**  
CA787C

# Monochromacy



**Original Color**  
C97974

**Achromatopsia**  
909090

**Achromatomaly**  
A58886

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C97974 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 #C97974 looks like.

```
.text, #text, p{  
    color:#C97974  
}
```

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 #C97974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C97974
}
```

## Border

The CSS property to change the border of an element to Hex C97974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

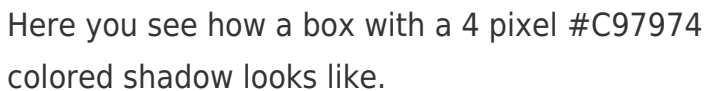
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C97974 }
```

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

```
.border{ border-color:#C97974 }
```

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



Here you see how a box with a 4 pixel `#C97974` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C97974; -webkit-box-shadow:4px 4px  
4px 4px #C97974; box-shadow:4px 4px 4px  
4px #C97974 }
```

# Background

The CSS property to change the background color of an element to Hex C97974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C97974 }
```

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

```
.background{ background-color:#C97974 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor