

# Converting Colors

Hex(CC947E)

Have a look what the booklet for  
Hex(CC947E) contains.

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# **Color**

**Hex(CC947E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC947E
RGB	204, 148, 126
RGB Percent	80%, 58%, 49%
CMY	0.2000, 0.4196, 0.5059
CMYK	0.00, 0.27, 0.38, 0.20
HSL	17°, 43%, 65%
HSV	17°, 38%, 80%
XYZ	39.2576, 35.5235, 24.5263
YIQ	162.2360, 40.4380, 5.0300

# Conversions

## Conversions Part 2

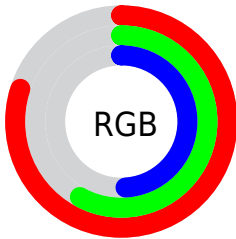
Format	Color
R <sub>Y</sub> B	204, 157, 126
Decimal	13407358
CIE Lab	66.15, 18.25, 19.96
CIE LCh	66, 27.041, 47.558
Yxy	35.5235, 0.3953, 0.3577
Android (android.graphics.Color)	4291597438 (0xFFCC947E)
YUV	162.2360, -17.8643, 36.6270
Hunter-Lab	59.6016, 13.2693, 17.3231

# Details

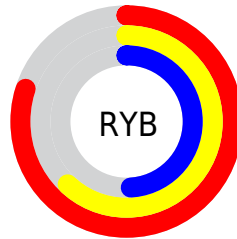
The Hex color **CC947E** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7EB6CC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCAB3**, and **94614D** is the 20% darker color. If you saturate the color by 10%, you get **CC856A**, and if you desaturate by 10%, it is **CCA392**.

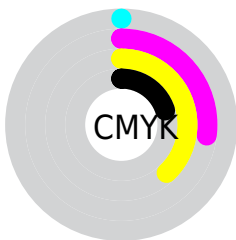
# Distribution



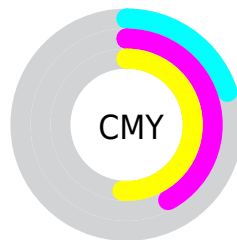
- Red (80%)
- Green (58%)
- Blue (49%)



- Red (80%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (20%)



- Cyan (20%)
- Magenta (42%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC947E 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 CC947E by changing the saturation by 10% instead.



 CC947E

 CC947E

FFFFFF

 B07A65

 FFCAB3

 94614D

 FFE6CE

 794936

 FFFFEB

 5F3220

 451C0A

 2D0600

 040000

 000000

 CC947E

 CC947E

 CC856A

 CCA392

 CC7755

 CCB1A7

 CC6841

 CCC0BB

 CC592C

 CCCFD0

 CC4B18

 CCDDE4

 CC3C04

 CCECF8

 CC3A00

 CCFBFF

 CCFFFF

# Harmonies

## Analogous

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



D28F93



CC947E



BB9C72

# Triad

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



CC947E



6CAE96



969ECF

# Complementary

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



CC947E



7EB6CC

# 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.



73A6D0



CC947E



58AEAF

# Square

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



CC947E



88AA7F



5AACC4



B696C2

# Rectangle

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



CC947E



ACA171



5AACC4



8BA1D1

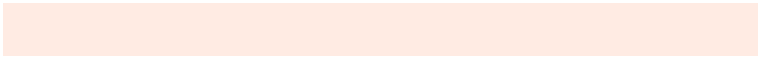


# Sweetspot

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



CC947E



FFEBE3



CC7EB7



80746F



000000



808080



# Same Dimension

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



CC947E



FFAB8A



CCBA7E



665F5C



A62F00



260B00

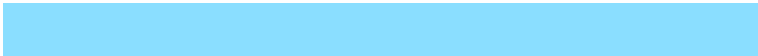


# Inverse Universe

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



7EB6CC



8ADEFF



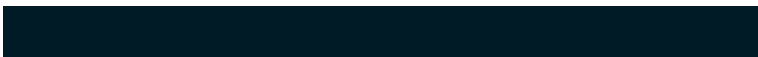
7E90CC



5C6366



0077A6



001B26



# Previews

## White Background



This preview shows how the Hex color CC947E looks on a white background.

## Color Contrast Check

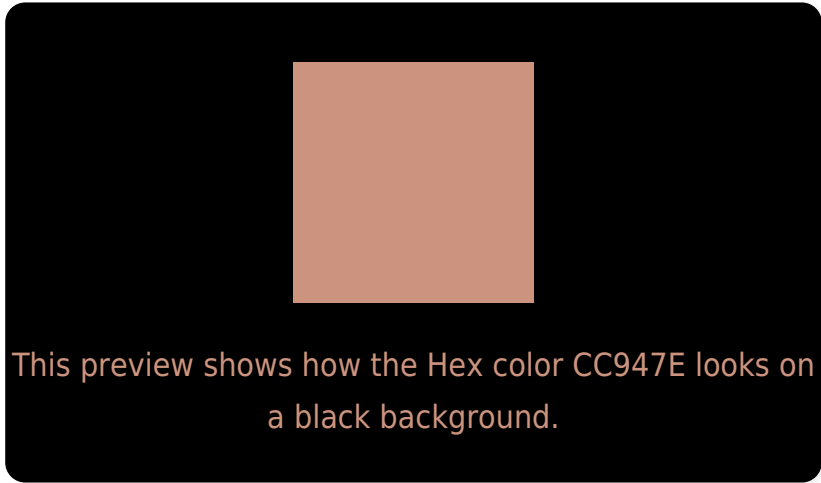
Large Text (above 18pt) WCAG AA × Fail

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

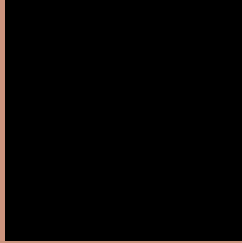
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC947E Background



This preview shows how black text looks on a background with the Hex color CC947E.



This preview shows how white text looks on a background with the Hex color CC947E.

# 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**  
CC947E

**Protanopia**  
ABA184

**Deuteranopia**  
BD9B7D



**Tritanopia**  
CF909B

# Trichromacy



**Original Color**  
CC947E

**Protanomaly**  
B79C82

**Deuteranomaly**  
C2987D

**Tritanomaly**  
CE9190

# Monochromacy



**Original Color**  
CC947E

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
B19D95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC947E 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 #CC947E looks like.

```
.text, #text, p{  
    color:#CC947E  
}
```

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 #CC947E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC947E
}
```

## Border

The CSS property to change the border of an element to Hex CC947E 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
#CC947E }
```

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

```
.border{ border-color:#CC947E }
```

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

Here you see how a box with a 4 pixel #CC947E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC947E; -webkit-box-shadow:4px 4px  
4px 4px #CC947E; box-shadow:4px 4px 4px  
4px #CC947E }
```

# Background

The CSS property to change the background color of an element to Hex CC947E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC947E }
```

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

```
.background{ background-color:#CC947E }
```

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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