

# Converting Colors

Hex(CA7D6F)

Have a look what the booklet for  
Hex(CA7D6F) contains.

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# Color

Hex(CA7D6F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA7D6F
RGB	202, 125, 111
RGB Percent	79%, 49%, 44%
CMY	0.2078, 0.5098, 0.5647
CMYK	0.00, 0.38, 0.45, 0.21
HSL	9°, 46%, 61%
HSV	9°, 45%, 79%
XYZ	34.5600, 28.3715, 18.6937
YIQ	146.4270, 50.3860, 11.9700

# Conversions

## Conversions Part 2

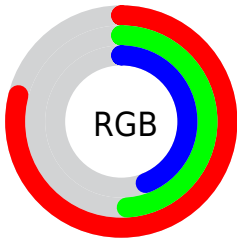
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 128, 111
Decimal	13270383
CIE Lab	60.22, 28.33, 20.26
CIE LCh	60, 34.827, 35.574
Yxy	28.3715, 0.4234, 0.3476
Android (android.graphics.Color)	4291460463 (0xFFCA7D6F)
YUV	146.4270, -17.4655, 48.7375
Hunter-Lab	53.2649, 22.6030, 16.4772

# Details

The Hex color **CA7D6F** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6FBCCA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB2A3**, and **914B3F** is the 20% darker color. If you saturate the color by 10%, you get **CA6C5B**, and if you desaturate by 10%, it is **CA8E83**.

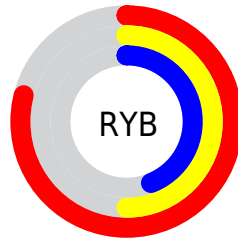
# Distribution



Red (79%)

Green (49%)

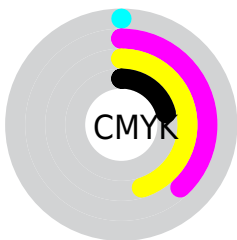
Blue (44%)



Red (79%)

Yellow (50%)

Blue (44%)

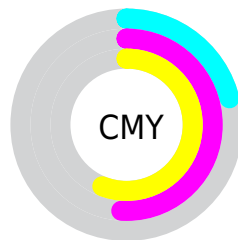


Cyan (0%)

Magenta (38%)

Yellow (45%)

Black (21%)



Cyan (21%)

Magenta (51%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA7D6F 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 CA7D6F by changing the saturation by 10% instead.



CA7D6F

CA7D6F

FFFFFF

AD6457

FFB2A3

914B3F

FFCEBE

753329

FFEEDA

5A1C15

FFFFF6

400300

2A0001

000000

CA7D6F

CA7D6F

CA6C5B

CA8E83

■ CA5B47

■ CA9F97

■ CA4A32

■ CAB0AC

■ CA391E

■ CAC1C0

■ CA280A

■ CAD2D4

■ CA1F00

■ CAE4E8

■ CAF5FC

■ CAFFFF

# Harmonies

## Analogous

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



CC798D



CA7D6F



BA875A

# Triad

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



CA7D6F



599F77



6D92CE

# Complementary

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



CA7D6F



6FBCCA

# 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.



339BC8



CA7D6F



2AA296

# Square

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



CA7D6F



7F9A5E



00A0B4



9C87C3

# Rectangle

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



CA7D6F



A98E54



00A0B4



5B96CE

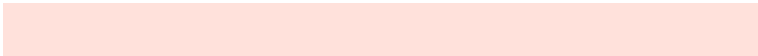


# Sweetspot

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



CA7D6F



FFE1DB



CA6FBC



806D6A



000000



808080



# Same Dimension

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



CA7D6F



FF8A75



CAAA6F



665D5C



A61900



260600



# Inverse Universe

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



6FBCCA



75EAFF



6F8FCA



5C6466



008CA6



002026



# Previews

## White Background



This preview shows how the Hex color CA7D6F looks on a white background.

## Color Contrast Check

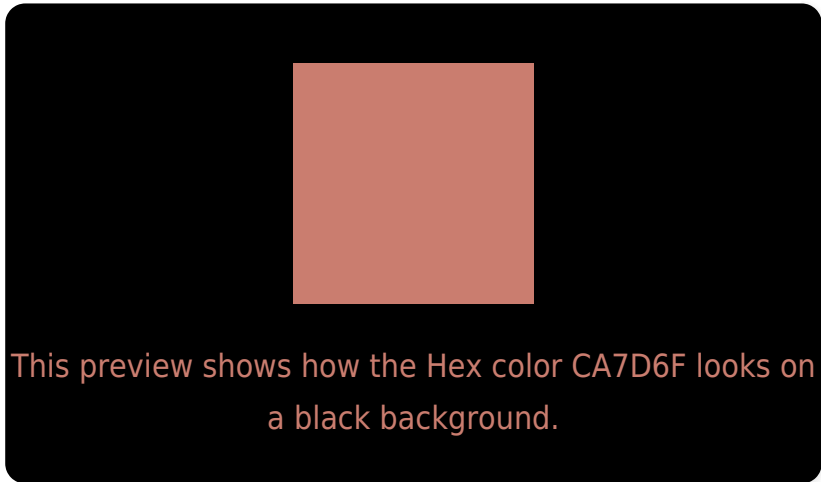
Large Text (above 18pt) WCAG AA ✓ Pass

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

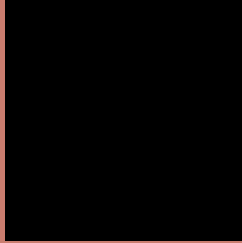
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CA7D6F Background



This preview shows how black text looks on a background with the Hex color CA7D6F.

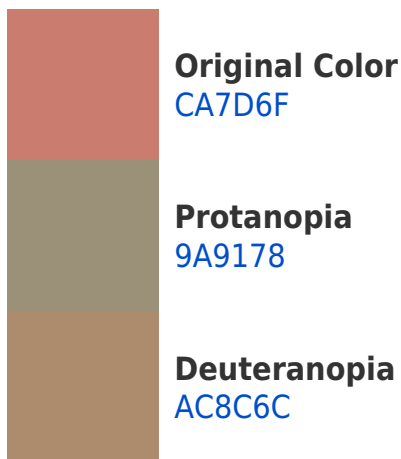



This preview shows how white text looks on a background with the Hex color CA7D6F.

# 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**  
CC7A83

# Trichromacy



**Original Color**  
CA7D6F

**Protanomaly**  
AB8A75

**Deuteranomaly**  
B7876D

**Tritanomaly**  
CB7B7C

# Monochromacy



**Original Color**  
CA7D6F

**Achromatopsia**  
929292

**Achromatomaly**  
A68A85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA7D6F 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 #CA7D6F looks like.

```
.text, #text, p{  
    color:#CA7D6F  
}
```

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 #CA7D6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7D6F
}
```

## Border

The CSS property to change the border of an element to Hex CA7D6F 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
#CA7D6F }
```

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

```
.border{ border-color:#CA7D6F }
```

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

Here you see how a box with a 4 pixel #CA7D6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7D6F; -webkit-box-shadow:4px 4px  
4px 4px #CA7D6F; box-shadow:4px 4px 4px  
4px #CA7D6F }
```

# Background

The CSS property to change the background color of an element to Hex CA7D6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7D6F }
```

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

```
.background{ background-color:#CA7D6F }
```

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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