

# Converting Colors

Hex(C37D6F)

Have a look what the booklet for  
Hex(C37D6F) contains.

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# Color

Hex(C37D6F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37D6F
RGB	195, 125, 111
RGB Percent	76%, 49%, 44%
CMY	0.2353, 0.5098, 0.5647
CMYK	0.00, 0.36, 0.43, 0.24
HSL	10°, 41%, 60%
HSV	10°, 43%, 76%
XYZ	32.7085, 27.4170, 18.6070
YIQ	144.3340, 46.2140, 10.4860

# Conversions

## Conversions Part 2

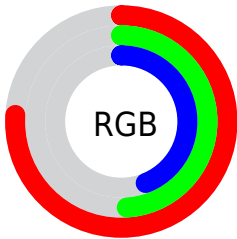
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 128, 111
Decimal	12811631
CIELab	59.36, 25.56, 18.94
CIELCh	59, 31.817, 36.538
Yxy	27.4170, 0.4154, 0.3482
Android (android.graphics.Color)	4291001711 (0xFFC37D6F)
YUV	144.3340, -16.4337, 44.4341
Hunter-Lab	52.3613, 19.8714, 15.5837

# Details

The Hex color **C37D6F** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6FB5C3**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FEB2A3**, and **8B4B3F** is the 20% darker color. If you saturate the color by 10%, you get **C36D5B**, and if you desaturate by 10%, it is **C38D83**.

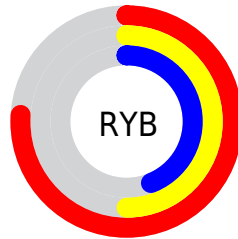
# Distribution



Red (76%)

Green (49%)

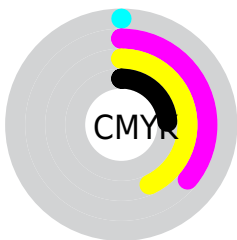
Blue (44%)



Red (76%)

Yellow (50%)

Blue (44%)

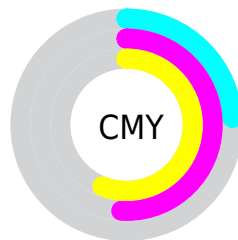


Cyan (0%)

Magenta (36%)

Yellow (43%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37D6F 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 C37D6F by changing the saturation by 10% instead.



 C37D6F

 C37D6F

FFFFFF

 A76457

 FEB2A3

 8B4B3F

 FFCEBE

 6F3429

 FFEADA

 551D15

 FFFFF6

 3B0500

 240001

 000000

 C37D6F

 C37D6F

 C36D5B

 C38D83

 C35C48

 C39E96

 C34C35

 C3AEAA

 C33C21

 C3BEBD

 C32C0E

 C3CED0

 C32000

 C3DEE4

 C3EFF7

 C3FFFF

# Harmonies

## Analogous

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



C5798A



C37D6F



B4865C

# Triad

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



C37D6F



5B9C78



7190C6

# Complementary

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



C37D6F



6FB5C3

# 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.



4298C2



C37D6F



379E94

# Square

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



C37D6F



7D9761



219DAF



9A85BC

# Rectangle

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



C37D6F



A58C57



219DAF



6293C6



# Sweetspot

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



C37D6F



FCE1DC



C36FB5



806F6B



000000



808080



# Same Dimension

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



C37D6F



FC8F79



C3A76F



615957



A11B00



210600



# Inverse Universe

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



6FB5C3



79E7FC



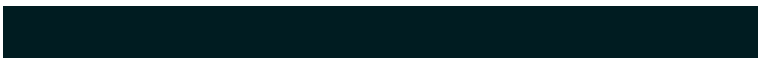
6F8BC3



575F61



0086A1



001C21



# Previews

## White Background



This preview shows how the Hex color C37D6F looks on a white background.

## Color Contrast Check

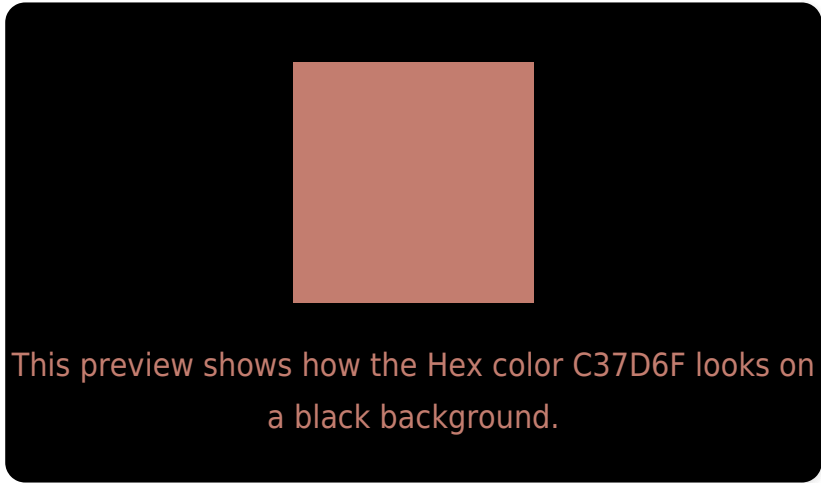
Large Text (above 18pt) WCAG AA ✓ Pass

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 C37D6F Background



This preview shows how black text looks on a background with the Hex color C37D6F.




This preview shows how white text looks on a background with the Hex color C37D6F.

# 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](#).

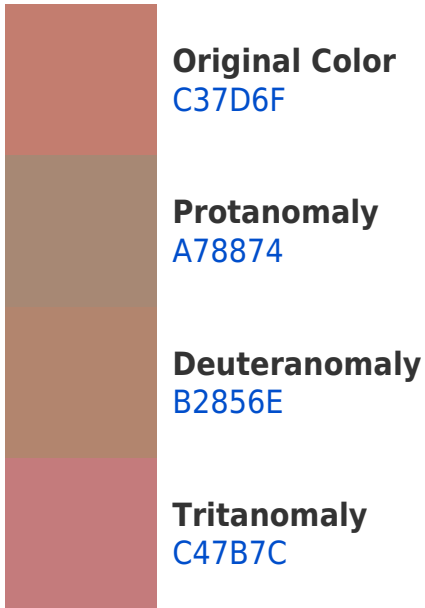
## Dichromacy



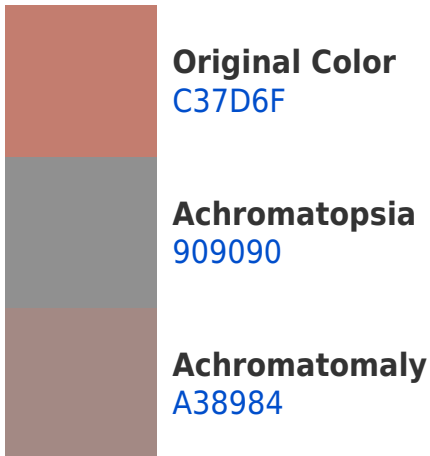


**Tritanopia**  
C57A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37D6F 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 #C37D6F looks like.

```
.text, #text, p{  
    color:#C37D6F  
}
```

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 #C37D6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37D6F
}
```

## Border

The CSS property to change the border of an element to Hex C37D6F 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
#C37D6F }
```

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

```
.border{ border-color:#C37D6F }
```

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

Here you see how a box with a 4 pixel #C37D6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37D6F; -webkit-box-shadow:4px 4px  
4px 4px #C37D6F; box-shadow:4px 4px 4px  
4px #C37D6F }
```

# Background

The CSS property to change the background color of an element to Hex C37D6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37D6F }
```

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

```
.background{ background-color:#C37D6F }
```

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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