

# Converting Colors

Hex(CC884D)

Have a look what the booklet for  
Hex(CC884D) contains.

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# **Color**

**Hex(CC884D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC884D
RGB	204, 136, 77
RGB Percent	80%, 53%, 30%
CMY	0.2000, 0.4667, 0.6980
CMYK	0.00, 0.33, 0.62, 0.20
HSL	28°, 55%, 55%
HSV	28°, 62%, 80%
XYZ	35.0456, 30.9815, 11.1541
YIQ	149.6060, 59.4670, -3.9330

# Conversions

## Conversions Part 2

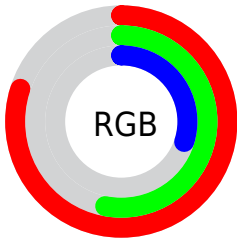
Format	Color
<a href="#">RYB</a>	<a href="#">204, 187, 77</a>
Decimal	<a href="#">13404237</a>
CIELab	<a href="#">62.49, 20.21, 41.75</a>
CIElCh	<a href="#">62, 46.384, 64.170</a>
Yxy	<a href="#">30.9815, 0.4541, 0.4014</a>
Android (android.graphics.Color)	<a href="#">4291594317 (0xFFCC884D)</a>
YUV	<a href="#">149.6060, -35.7948, 47.7035</a>
Hunter-Lab	<a href="#">55.6610, 14.9812, 27.0814</a>

# Details

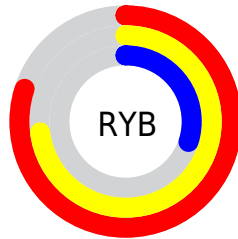
The Hex color **CC884D** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4D91CC**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBE80**, and **92561D** is the 20% darker color. If you saturate the color by 10%, you get **CC7D39**, and if you desaturate by 10%, it is **CC9361**.

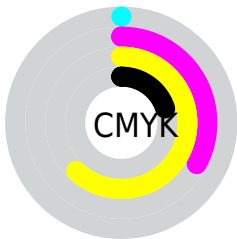
# Distribution



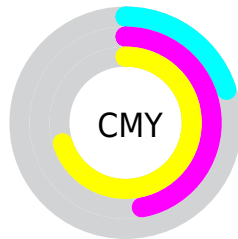
- Red (80%)
- Green (53%)
- Blue (30%)



- Red (80%)
- Yellow (73%)
- Blue (30%)



- Cyan (0%)
- Magenta (33%)
- Yellow (62%)
- Black (20%)



- Cyan (20%)
- Magenta (47%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC884D 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 CC884D by changing the saturation by 10% instead.



 CC884D

 CC884D

FFFFFF

 AF6E35

 FFBE80

 92561D

 FFD99A

 753E02

 FFF6B5

 5A2800

 FFFFD1

 3F1200

 FFFFEE

 270000

 000000

 CC884D

 CC884D

 CC7D39

 CC9361

 CC7224

 CC9E76

 CC6710

 CCA98A

 CC5F00

 CCB49F

 CCBFB3

 CCCAC7

 CCD4DC

 CCDF0

 CCEAFF

# Harmonies

## Analogous

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



E17A6B



CC884D



AA9742

# Triad

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



CC884D



00AC9C



A28ADB

# Complementary

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



CC884D



4D91CC

# 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.



599AE9



CC884D



00ABC4

# Square

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



CC884D



47A972



00A5E1



CF7BBC

# Rectangle

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



CC884D



8E9F49



00A5E1



8D8FE2



# Sweetspot

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



CC884D



FFE5CF



CC4D93



807062



000000



808080



# Same Dimension

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



CC884D



FF9940



CCC64D



66615C



A64D00



261200



# Inverse Universe

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



4D91CC



40A6FF



4D53CC



5C6166



0059A6



001426



# Previews

## White Background



This preview shows how the Hex color CC884D looks on a white background.

## Color Contrast Check

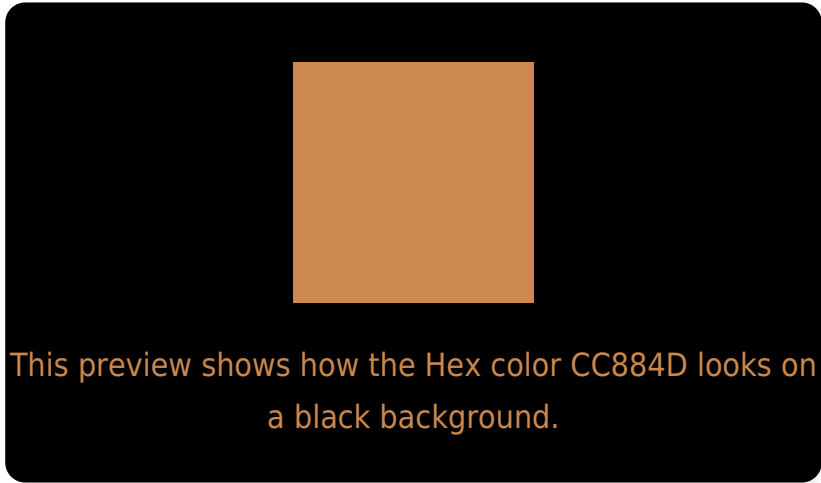
Large Text (above 18pt) WCAG AA × Fail

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

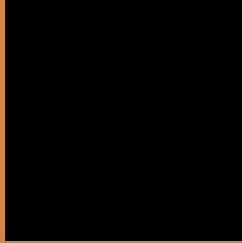
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC884D Background



This preview shows how black text looks on a background with the Hex color CC884D.



This preview shows how white text looks on a background with the Hex color CC884D.

# 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**  
CC884D

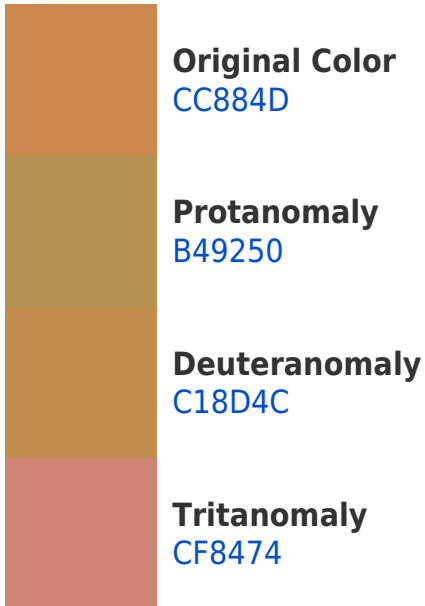
**Protanopia**  
A79852

**Deuteranopia**  
BB904B

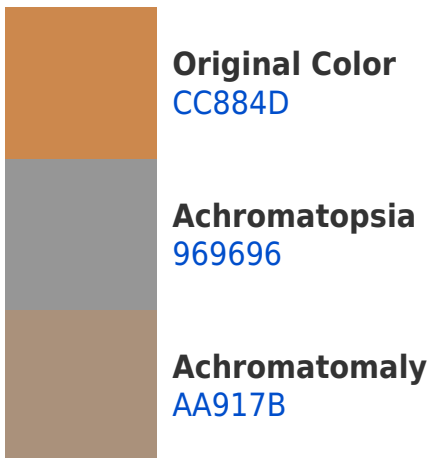


**Tritanopia**  
D0818A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC884D 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 #CC884D looks like.

```
.text, #text, p{  
    color:#CC884D  
}
```

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 #CC884D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC884D
}
```

## Border

The CSS property to change the border of an element to Hex CC884D 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
#CC884D }
```

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

```
.border{ border-color:#CC884D }
```

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

Here you see how a box with a 4 pixel #CC884D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC884D; -webkit-box-shadow:4px 4px  
4px 4px #CC884D; box-shadow:4px 4px 4px  
4px #CC884D }
```

# Background

The CSS property to change the background color of an element to Hex CC884D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC884D }
```

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

```
.background{ background-color:#CC884D }
```

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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