

# Converting Colors

Hex(CC853D)

Have a look what the booklet for  
Hex(CC853D) contains.

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**Color**

**Hex(CC853D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC853D
RGB	204, 133, 61
RGB Percent	80%, 52%, 24%
CMY	0.2000, 0.4784, 0.7608
CMYK	0.00, 0.35, 0.70, 0.20
HSL	30°, 58%, 52%
HSV	30°, 70%, 80%
XYZ	34.1317, 29.9493, 8.3967
YIQ	146.0210, 65.4280, -7.3400

# Conversions

## Conversions Part 2

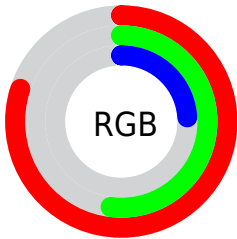
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 204, 61
Decimal	13403453
CIE Lab	61.61, 20.87, 48.68
CIE LCh	62, 52.965, 66.799
Yxy	29.9493, 0.4709, 0.4132
Android (android.graphics.Color)	4291593533 (0xFFCC853D)
YUV	146.0210, -41.9154, 50.8476
Hunter-Lab	54.7260, 15.5569, 29.2112

# Details

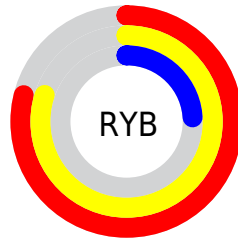
The Hex color **CC853D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3D84CC**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFBA70**, and **915306** is the 20% darker color. If you saturate the color by 10%, you get **CC7B29**, and if you desaturate by 10%, it is **CC8F51**.

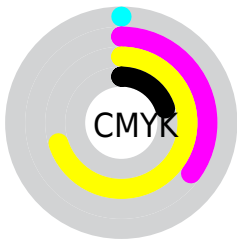
# Distribution



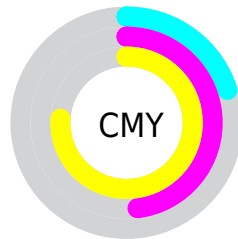
- Red (80%)
- Green (52%)
- Blue (24%)



- Red (79%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (70%)
- Black (20%)



- Cyan (20%)
- Magenta (48%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC853D 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 CC853D by changing the saturation by 10% instead.



 CC853D

 CC853D

FFFFFF

 AE6C24

 FFBA70

 915306

 FFD68A

 753C00

 FFF3A5

 582500

 FFFFC1

 3D1000

 FFFFDD

 260000

 FFFFFA

 000000

 CC853D

 CC853D

 CC7B29

 CC8F51

 CC7114

 CC9966

 CC6700

 CCA37A

 CCAE8F

 CCB8A3

 CCC2B7

 CCCCCC

 CCD6E0

 CCE0F5

# Harmonies

## Analogous

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



E5745F



CC853D



A59631

# Triad

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



CC853D



00AC9E



A684E0

# Complementary

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



CC853D



3D84CC

# 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.



4E96F2



CC853D



00AACC

# Square

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



CC853D



24A96E



00A4EA



D672BB

# Rectangle

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



CC853D



859F3C



00A4EA



8E8AE9

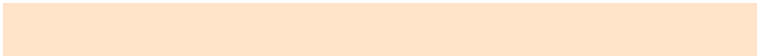


# Sweetspot

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



CC853D



FFE4C9



CC3D85



807060



000000



808080



# Same Dimension

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



CC853D



FF9529



CCCC3D



66615C



A65300



261300



# Inverse Universe

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



3D84CC



2993FF



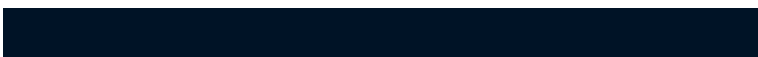
3D3DCC



5C6166



0052A6

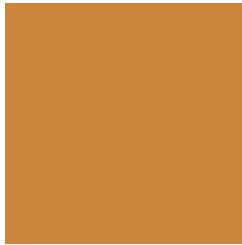


001326



# Previews

## White Background



This preview shows how the Hex color CC853D looks on a white background.

## Color Contrast Check

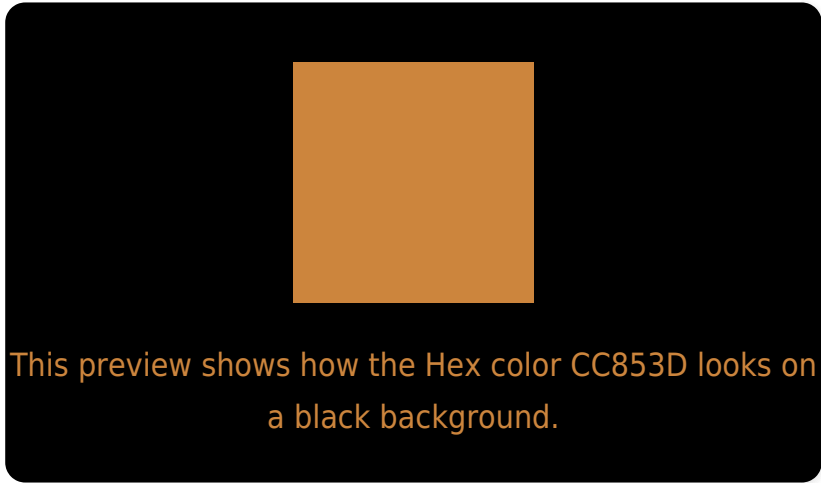
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC853D Background



This preview shows how black text looks on a background with the Hex color CC853D.



This preview shows how white text looks on a background with the Hex color CC853D.

# 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**  
CC853D

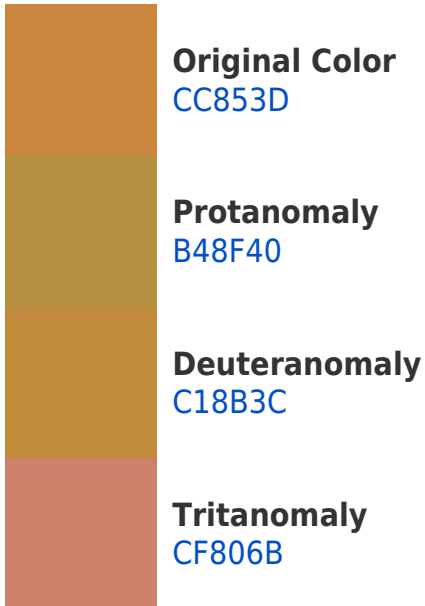
**Protanopia**  
A69542

**Deuteranopia**  
BA8E3B



**Tritanopia**  
D17D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC853D 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 #CC853D looks like.

```
.text, #text, p{  
    color:#CC853D  
}
```

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 #CC853D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC853D
}
```

## Border

The CSS property to change the border of an element to Hex CC853D 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
#CC853D }
```

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

```
.border{ border-color:#CC853D }
```

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

Here you see how a box with a 4 pixel #CC853D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC853D; -webkit-box-shadow:4px 4px  
4px 4px #CC853D; box-shadow:4px 4px 4px  
4px #CC853D }
```

# Background

The CSS property to change the background color of an element to Hex CC853D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC853D }
```

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

```
.background{ background-color:#CC853D }
```

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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