

Converting Colors

Hex(CD853F)

Have a look what the booklet for
Hex(CD853F) contains.

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Color

Hex(CD853F)

Conversions

Conversions Part 1

Format	Color
Hex	CD853F
RGB	205, 133, 63
RGB Percent	80%, 52%, 25%
CMY	0.1961, 0.4784, 0.7529
CMYK	0.00, 0.35, 0.69, 0.20
HSL	30°, 59%, 53%
HSV	30°, 69%, 80%
XYZ	34.4616, 30.1131, 8.6987
YIQ	146.5480, 65.3820, -6.5060

Conversions

Conversions Part 2

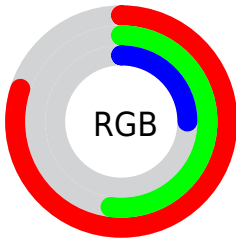
Format	Color
R_{YB}	205, 201, 63
Decimal	13468991
CIE _{Lab}	61.75, 21.40, 47.92
CIE _{LCh}	62, 52.478, 65.935
Yxy	30.1131, 0.4703, 0.4110
Android (android.graphics.Color)	4291659071 (0xFFCD853F)
YUV	146.5480, -41.1892, 51.2624
Hunter-Lab	54.8754, 16.0655, 29.0143

Details

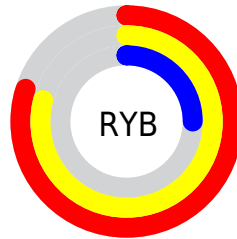
The Hex color **CD853F** is a dark color, and the websafe version is hex **CC9933**, and the color name is [peru](#). The color can be described as dark muted orange. A complement of this color would be **3F87CD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFBA72**, and **92530A** is the 20% darker color. If you saturate the color by 10%, you get **CD7B2B**, and if you desaturate by 10%, it is **CD8F54**.

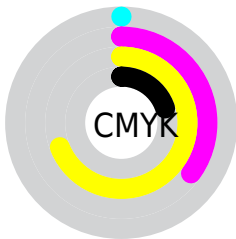
Distribution



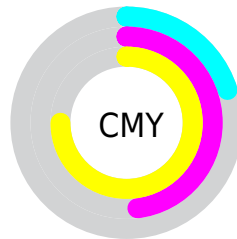
- Red (80%)
- Green (52%)
- Blue (25%)



- Red (80%)
- Yellow (79%)
- Blue (25%)



- Cyan (0%)
- Magenta (35%)
- Yellow (69%)
- Black (20%)



- Cyan (20%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD853F 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 CD853F by changing the saturation by 10% instead.

 CD853F

 CD853F

FFFFFF

 AF6C26

 FFBA72

 92530A

 FFD68C

 753C00

 FFF3A7

 592500

 FFFFC3

 3E1000

 FFFFDF

 270000

 FFFFFC

 000000

 CD853F

 CD853F

 CD7B2B

 CD8F54

 CD7016

 CD9A68

 CD6602

 CDA47D

 CD6500

 CDAF91

 CDB9A6

 CDC3BA

 CDCECF

 CDD8E3

 CDE3F8

Harmonies

Analogous

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



E67461



CD853F



A69633

Triad

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



CD853F



00AC9D



A485E1

Complementary

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



CD853F



3F87CD

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.



4C97F2



CD853F



00ABCA

Square

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



CD853F



2BA96D



00A4E9



D573BC

Rectangle

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



CD853F



879F3C



00A4E9



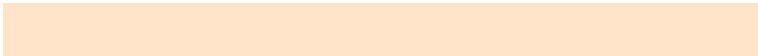
8D8BE9

Sweetspot

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



CD853F



FFE4C9



CD3F88



806F60



000000



808080

Same Dimension

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



CD853F



FF942B



CDCB3F



66615C



A65200



261300

Inverse Universe

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



3F87CD



2B97FF



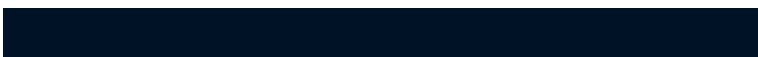
3F41CD



5C6166



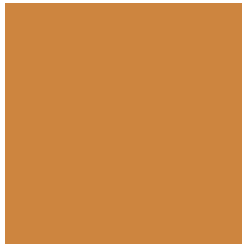
0054A6



001326

Previews

White Background



This preview shows how the Hex color CD853F looks on a white background.

Color Contrast Check

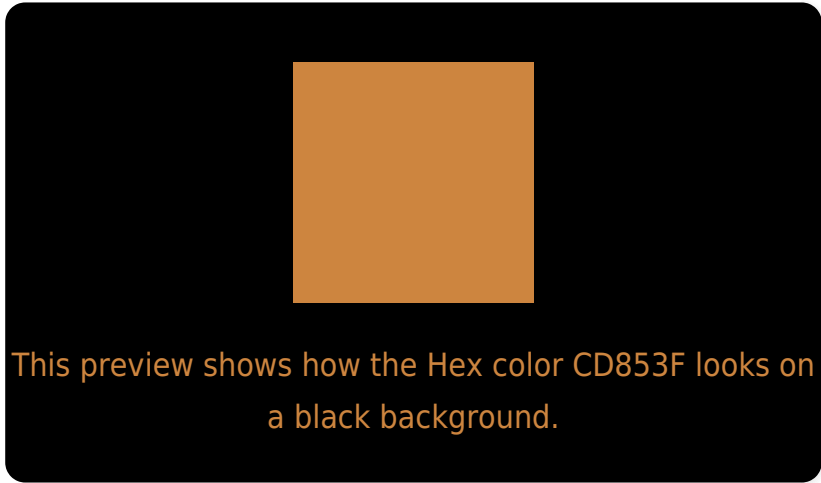
Large Text (above 18pt) WCAG AA × Fail

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 CD853F Background



This preview shows how black text looks on a background with the Hex color CD853F.

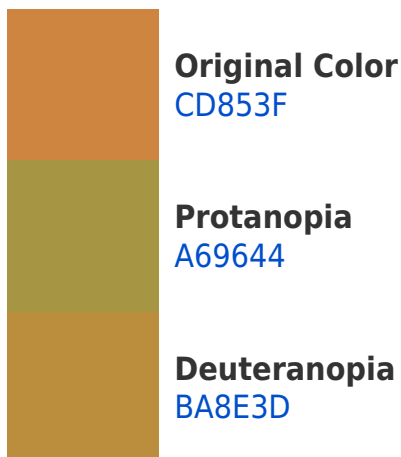


This preview shows how white text looks on a background with the Hex color CD853F.

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](#).

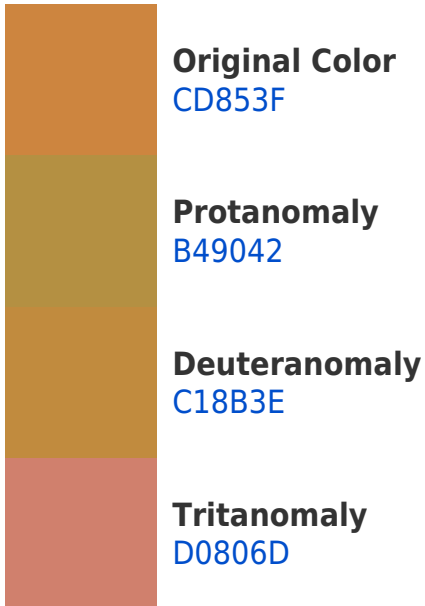
Dichromacy





Tritanopia
D27D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD853F 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 #CD853F looks like.

```
.text, #text, p{  
    color:#CD853F  
}
```

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 #CD853F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD853F
}
```

Border

The CSS property to change the border of an element to Hex CD853F 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
#CD853F }
```

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

```
.border{ border-color:#CD853F }
```

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

Here you see how a box with a 4 pixel #CD853F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD853F; -webkit-box-shadow:4px 4px  
4px 4px #CD853F; box-shadow:4px 4px 4px  
4px #CD853F }
```

Background

The CSS property to change the background color of an element to Hex CD853F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD853F }
```

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

```
.background{ background-color:#CD853F }
```

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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