

# Converting Colors

Hex(CD815D)

Have a look what the booklet for  
Hex(CD815D) contains.

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**Color**

**Hex(CD815D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD815D
RGB	205, 129, 93
RGB Percent	80%, 51%, 36%
CMY	0.1961, 0.4941, 0.6353
CMYK	0.00, 0.37, 0.55, 0.20
HSL	19°, 53%, 58%
HSV	19°, 55%, 80%
XYZ	35.0029, 29.4700, 14.1993
YIQ	147.6200, 56.8520, 4.9160

# Conversions

## Conversions Part 2

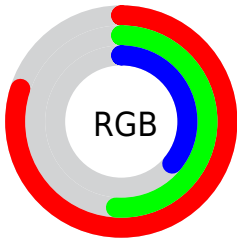
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 146, 93
Decimal	13467997
CIE <sub>Lab</sub>	61.19, 25.66, 31.67
CIE <sub>LCh</sub>	61, 40.761, 50.987
Yxy	29.4700, 0.4449, 0.3746
Android (android.graphics.Color)	4291658077 (0xFFCD815D)
YUV	147.6200, -26.9277, 50.3223
Hunter-Lab	54.2862, 20.0929, 22.4922

# Details

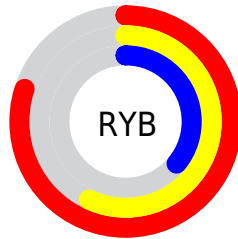
The Hex color **CD815D** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5DA9CD**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB690**, and **934F2E** is the 20% darker color. If you saturate the color by 10%, you get **CD7349**, and if you desaturate by 10%, it is **CD8F72**.

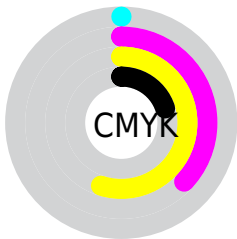
# Distribution



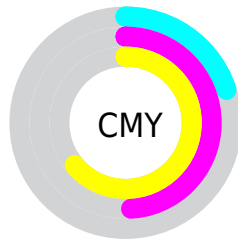
- Red (80%)
- Green (51%)
- Blue (36%)



- Red (80%)
- Yellow (57%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD815D 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 CD815D by changing the saturation by 10% instead.



 CD815D

 CD815D

FFFFFF

 B06845

 FFB690

 934F2E

 FFD2AB

 773718

 FFEFC6

 5C2000

 FFFFE2

 400900

 290000

 000000

 CD815D

 CD815D

 CD7349

 CD8F72

 CD6534

 CD9D86

 CD571F

 CDAB9B

 CD490B

 CDB9AF

 CD4200

 CDC7C3

 CDD4D8

 CDE2EC

 CDF0FF

 CDFFFF

# Harmonies

## Analogous

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



D8787C



CD815D



B48E4C

# Triad

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



CD815D



2CA687



868ED7

# Complementary

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



CD815D



5DA9CD

# 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.



3F9BDA



CD815D



00A6AC

# Square

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



CD815D



67A165



00A3CB



B681C1

# Rectangle

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



CD815D



9D964B



00A3CB



7293DA

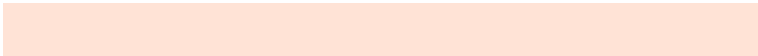


# Sweetspot

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



CD815D



FFE3D6



CD5DAA



806F67



000000



808080



# Same Dimension

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



CD815D



FF8D57



CDB85D



665F5C



A63500



260C00



# Inverse Universe

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



5DA9CD



57C9FF



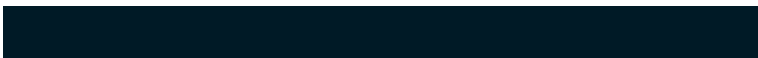
5D72CD



5C6366



0070A6

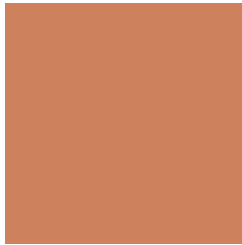


001A26



# Previews

## White Background



This preview shows how the Hex color CD815D looks on a white background.

## Color Contrast Check

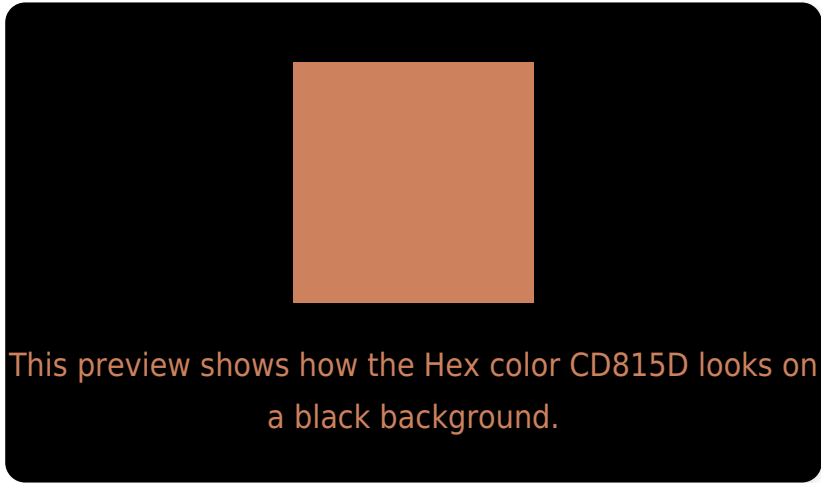
Large Text (above 18pt) WCAG AA ✓ Pass

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

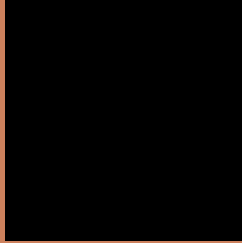
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD815D Background



This preview shows how black text looks on a background with the Hex color CD815D.



This preview shows how white text looks on a background with the Hex color CD815D.

# 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**  
CD815D

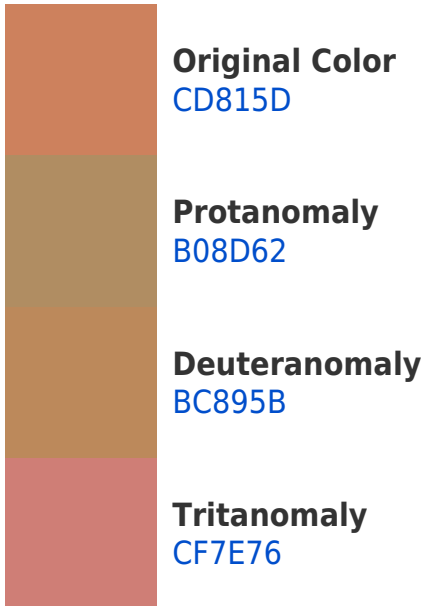
**Protanopia**  
A09465

**Deuteranopia**  
B38D5A



**Tritanopia**  
D07C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD815D 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 #CD815D looks like.

```
.text, #text, p{  
    color:#CD815D  
}
```

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 #CD815D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD815D
}
```

## Border

The CSS property to change the border of an element to Hex CD815D 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
#CD815D }
```

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

```
.border{ border-color:#CD815D }
```

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

Here you see how a box with a 4 pixel #CD815D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD815D; -webkit-box-shadow:4px 4px  
4px 4px #CD815D; box-shadow:4px 4px 4px  
4px #CD815D }
```

# Background

The CSS property to change the background color of an element to Hex CD815D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD815D }
```

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

```
.background{ background-color:#CD815D }
```

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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