

Converting Colors

Hex(CA815D)

Have a look what the booklet for
Hex(CA815D) contains.

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Color

Hex(CA815D)

Conversions

Conversions Part 1

Format	Color
Hex	CA815D
RGB	202, 129, 93
RGB Percent	79%, 51%, 36%
CMY	0.2078, 0.4941, 0.6353
CMYK	0.00, 0.36, 0.54, 0.21
HSL	20°, 51%, 58%
HSV	20°, 54%, 79%
XYZ	34.1832, 29.0474, 14.1610
YIQ	146.7230, 55.0640, 4.2800

Conversions

Conversions Part 2

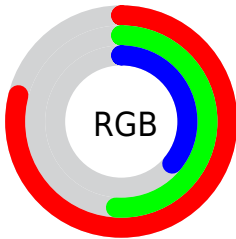
Format	Color
R_{YB}	202, 147, 93
Decimal	13271389
CIE _{Lab}	60.82, 24.44, 31.12
CIE _{LCh}	61, 39.571, 51.862
Yxy	29.0474, 0.4417, 0.3753
Android (android.graphics.Color)	4291461469 (0xFFCA815D)
YUV	146.7230, -26.4854, 48.4779
Hunter-Lab	53.8956, 18.8958, 22.1486

Details

The Hex color **CA815D** 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 **5DA6CA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB690**, and **904F2E** is the 20% darker color. If you saturate the color by 10%, you get **CA7349**, and if you desaturate by 10%, it is **CA8F71**.

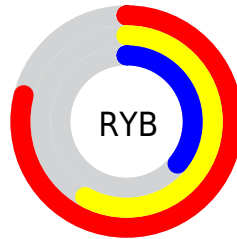
Distribution



Red (79%)

Green (51%)

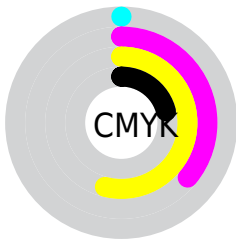
Blue (36%)



Red (79%)

Yellow (58%)

Blue (36%)

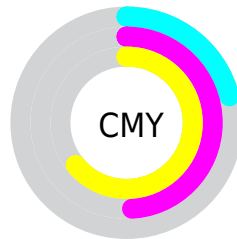


Cyan (0%)

Magenta (36%)

Yellow (54%)

Black (21%)



Cyan (21%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA815D 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 CA815D by changing the saturation by 10% instead.

 CA815D

 CA815D

FFFFFF

 AD6845

 FFB690

 904F2E

 FFD2AB

 743718

 FFEFC6

 592100

 FFFFE2

 3E0A00

 270001

 000000

 CA815D

 CA815D

 CA7349

 CA8F71

CA6635

CA9C85

CA5820

CAAA9A

CA4B0C

CAB7AE

CA4300

CAC5C2

CAD2D6

CAE0EA

CAEDFF

CAFBF

Harmonies

Analogous

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



D6787B



CA815D



B18D4D

Triad

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



CA815D



2FA488



888DD3

Complementary

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



CA815D



5DA6CA

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.



4699D7



CA815D



00A5AC

Square

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



CA815D



66A066



00A1C9



B580BE

Rectangle

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



CA815D



9B954D



00A1C9



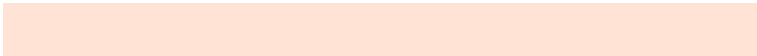
7492D7

Sweetspot

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



CA815D



FFE4D6



CA5DA7



806F67



000000



808080

Same Dimension

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



CA815D



FF9059



CAB65D



665F5C



A63700



260D00

Inverse Universe

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



5DA6CA



59C8FF



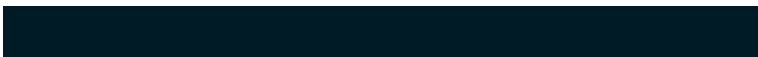
5D71CA



5C6366



006FA6



001A26

Previews

White Background



This preview shows how the Hex color CA815D looks on a white background.

Color Contrast Check

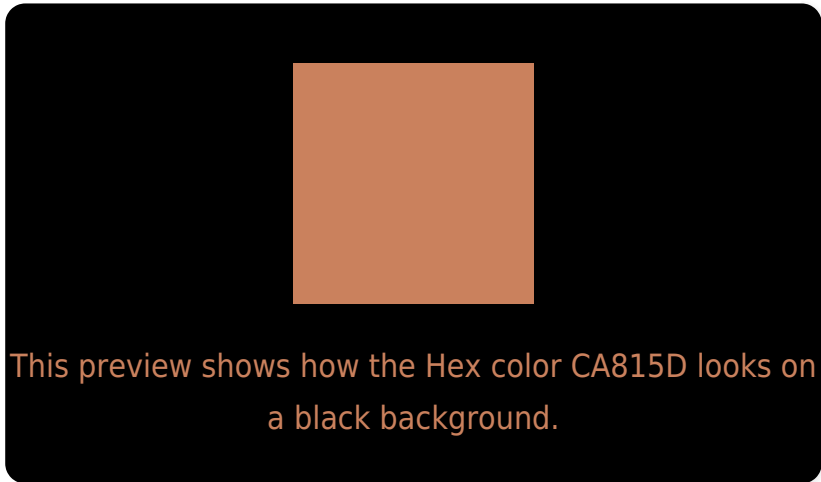
Large Text (above 18pt) WCAG AA ✓ Pass

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

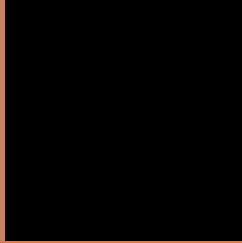
Any Text WCAG AA ✓ Pass

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 CA815D Background



This preview shows how black text looks on a background with the Hex color CA815D.

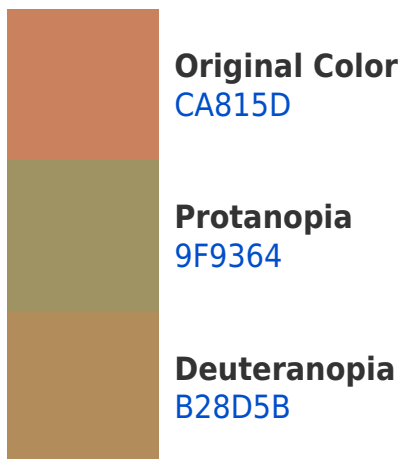


This preview shows how white text looks on a background with the Hex color CA815D.

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](#).

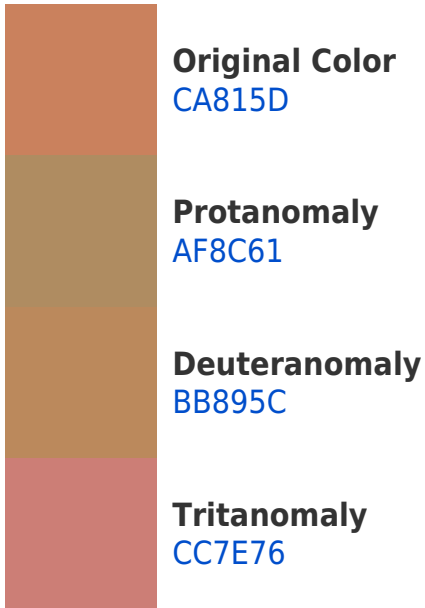
Dichromacy



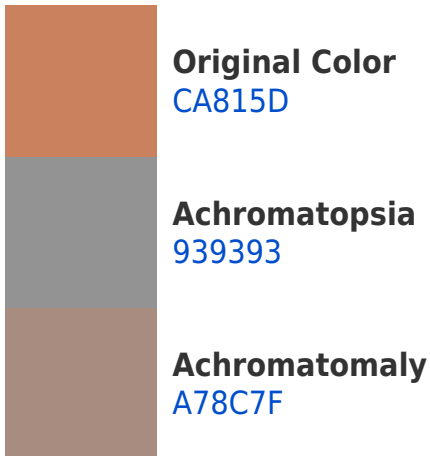


Tritanopia
CD7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA815D 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 #CA815D looks like.

```
.text, #text, p{  
    color:#CA815D  
}
```

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 #CA815D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA815D
}
```

Border

The CSS property to change the border of an element to Hex CA815D is called "border". The border property can be set on classes, ids or directly on the HTML element.

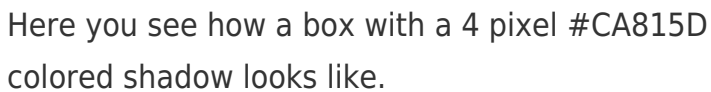
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA815D }
```

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

```
.border{ border-color:#CA815D }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CA815D colored shadow looks like." The box is positioned in the middle of the page, below the text "If you want to add a box shadow in that color use:" and above the CSS code block.

Here you see how a box with a 4 pixel #CA815D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA815D; -webkit-box-shadow:4px 4px  
4px 4px #CA815D; box-shadow:4px 4px 4px  
4px #CA815D }
```

Background

The CSS property to change the background color of an element to Hex CA815D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA815D }
```

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

```
.background{ background-color:#CA815D }
```

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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