

Converting Colors

Hex(CA814A)

Have a look what the booklet for
Hex(CA814A) contains.

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Color

Hex(CA814A)

Conversions

Conversions Part 1

Format	Color
Hex	CA814A
RGB	202, 129, 74
RGB Percent	79%, 51%, 29%
CMY	0.2078, 0.4941, 0.7098
CMYK	0.00, 0.36, 0.63, 0.21
HSL	26°, 55%, 54%
HSV	26°, 63%, 79%
XYZ	33.4434, 28.7515, 10.2655
YIQ	144.5570, 61.1630, -1.6290

Conversions

Conversions Part 2

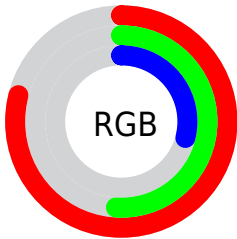
Format	Color
R _Y B	202, 170, 74
Decimal	13271370
CIE Lab	60.56, 22.98, 40.98
CIE LCh	61, 46.981, 60.714
Yxy	28.7515, 0.4615, 0.3968
Android (android.graphics.Color)	4291461450 (0xFFCA814A)
YUV	144.5570, -34.7846, 50.3775
Hunter-Lab	53.6204, 17.4959, 26.1834

Details

The Hex color **CA814A** 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 **4A93CA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFB67C**, and **904F1A** is the 20% darker color. If you saturate the color by 10%, you get **CA7536**, and if you desaturate by 10%, it is **CA8D5E**.

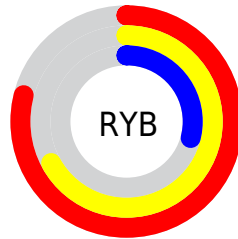
Distribution



Red (79%)

Green (51%)

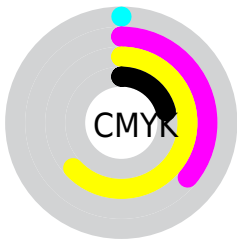
Blue (29%)



Red (79%)

Yellow (67%)

Blue (29%)

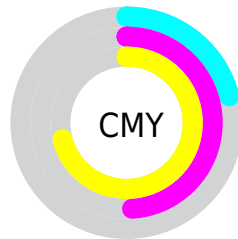


Cyan (0%)

Magenta (36%)

Yellow (63%)

Black (21%)



Cyan (21%)

Magenta (49%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA814A 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 CA814A by changing the saturation by 10% instead.

 CA814A

 CA814A

FFFFFF

 AD6832

 FFB67C

 904F1A

 FFD297

 733801

 FFEEB2

 582100

 FFFFCD

 3C0B00

 FFFFEA

 260001

 000000

 CA814A

 CA814A

 CA7536

 CA8D5E

■ CA6A22

■ CA9872

■ CA5E0D

■ CAA487

■ CA5700

■ CAAF9B

■ CABBAF

■ CAC6C3

■ CAD2D7

■ CADDEC

■ CAE9FF

Harmonies

Analogous

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



DD736A



CA814A



A9903C

Triad

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



CA814A



00A792



9687D9

Complementary

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



CA814A



4A93CA

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.



4596E5



CA814A



00A6BB

Square

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



CA814A



48A468



00A1DA



C677BB

Rectangle

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



CA814A



8E9941



00A1DA



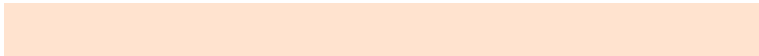
808CE0

Sweetspot

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



CA814A



FFE3CF



CA4A95



806F62



000000



808080

Same Dimension

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



CA814A



FF903D



CABF4A



66605C



A64700



261000

Inverse Universe

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



4A93CA



3DACFF



4A55CA



5C6266



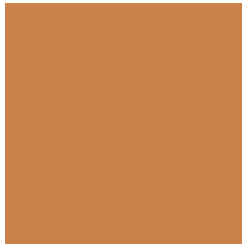
005FA6



001626

Previews

White Background



This preview shows how the Hex color CA814A looks on a white background.

Color Contrast Check

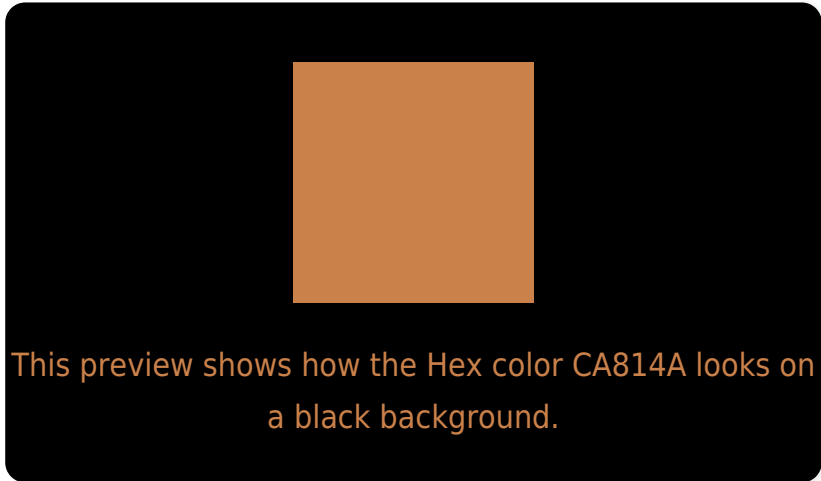
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA814A Background



This preview shows how black text looks on a background with the Hex color CA814A.



This preview shows how white text looks on a background with the Hex color CA814A.

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
CA814A

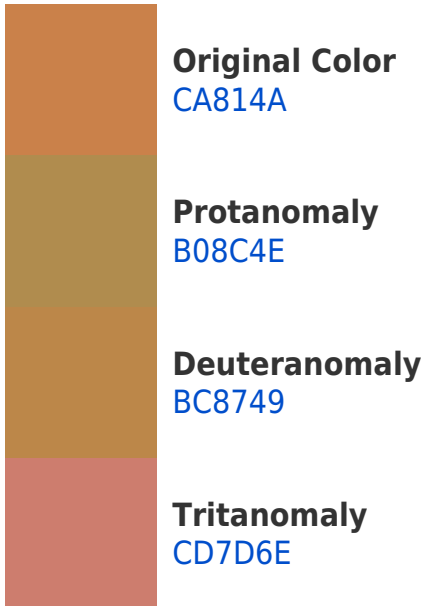
Protanopia
A19350

Deuteranopia
B48B48

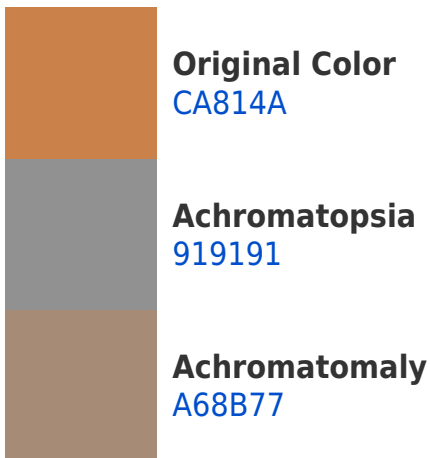


Tritanopia
CE7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA814A 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 #CA814A looks like.

```
.text, #text, p{  
    color:#CA814A  
}
```

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 #CA814A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA814A
}
```

Border

The CSS property to change the border of an element to Hex CA814A 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
#CA814A }
```

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

```
.border{ border-color:#CA814A }
```

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

Here you see how a box with a 4 pixel #CA814A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA814A; -webkit-box-shadow:4px 4px  
4px 4px #CA814A; box-shadow:4px 4px 4px  
4px #CA814A }
```

Background

The CSS property to change the background color of an element to Hex CA814A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA814A }
```

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

```
.background{ background-color:#CA814A }
```

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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