

Converting Colors

Hex(C4914A)

Have a look what the booklet for
Hex(C4914A) contains.

| | |
|--|----|
| Hex(C4914A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(C4914A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C4914A |
| RGB | 196, 145, 74 |
| RGB Percent | 77%, 57%, 29% |
| CMY | 0.2314, 0.4314, 0.7098 |
| CMYK | 0.00, 0.26, 0.62, 0.23 |
| HSL | 35°, 51%, 53% |
| HSV | 35°, 62%, 77% |
| XYZ | 34.1264, 32.4810, 10.9494 |
| YIQ | 152.1550, 53.1870, -11.2690 |

Conversions

Conversions Part 2

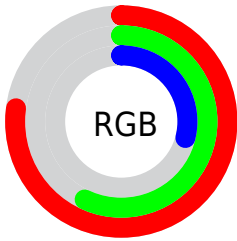
| Format | Color |
|-------------------------------------|---|
| RYB | 162, 196, 74 |
| Decimal | 12882250 |
| CIELab | 63.74, 11.68, 44.48 |
| CIELCh | 64, 45.982, 75.291 |
| Yxy | 32.4810, 0.4400, 0.4188 |
| Android (android.graphics.Color) | 4291072330 (0xFFC4914A) |
| YUV | 152.1550, -38.5304, 38.4521 |
| Hunter-Lab | 56.9921, 7.1482, 28.5036 |

Details

The Hex color **C4914A** 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 **4A7DC4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC77D**, and **8B5F18** is the 20% darker color. If you saturate the color by 10%, you get **C48936**, and if you desaturate by 10%, it is **C4995E**.

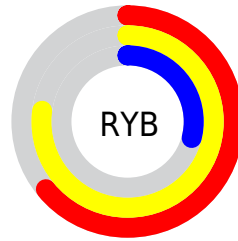
Distribution



Red (77%)

Green (57%)

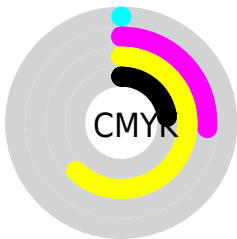
Blue (29%)



Red (64%)

Yellow (77%)

Blue (29%)

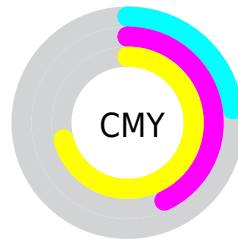


Cyan (0%)

Magenta (26%)

Yellow (62%)

Black (23%)



Cyan (23%)

Magenta (43%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4914A 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 C4914A by changing the saturation by 10% instead.

 C4914A

 C4914A

FFFFFF

 A77731

 FFC77D

 8B5F18

 FFE397

 6F4700

 FFFFFB3

 543100

 FFFFFCF

 391C00

 FFFFFEB

 220400

 000000

 C4914A

 C4914A

 C48936

 C4995E

 C48123

 C4A171

 C4780F

 C4AA85

 C47200

 C4B298

 C4BAAC

 C4C2C0

 C4CAD3

 C4D3E7

 C4DBFA

Harmonies

Analogous

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



DE8262



C4914A



9E9F48

Triad

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



C4914A



00AFAF



B887D4

Complementary

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



C4914A



4A7DC4

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.



7C97E9



C4914A



00ACD4

Square

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



C4914A



2DAE84



00A4E9



DC7BB0

Rectangle

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



C4914A



81A655



00A4E9



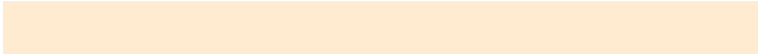
A78DDD

Sweetspot

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



C4914A



FFEBCF



C44A7F



807362



000000



808080

Same Dimension

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



C4914A



FFAF40



BCC44A



615D57



A15D00



211300

Inverse Universe

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



4A7DC4



4090FF



524AC4



575B61



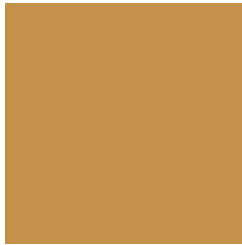
0043A1



000E21

Previews

White Background



This preview shows how the Hex color C4914A looks on a white background.

Color Contrast Check

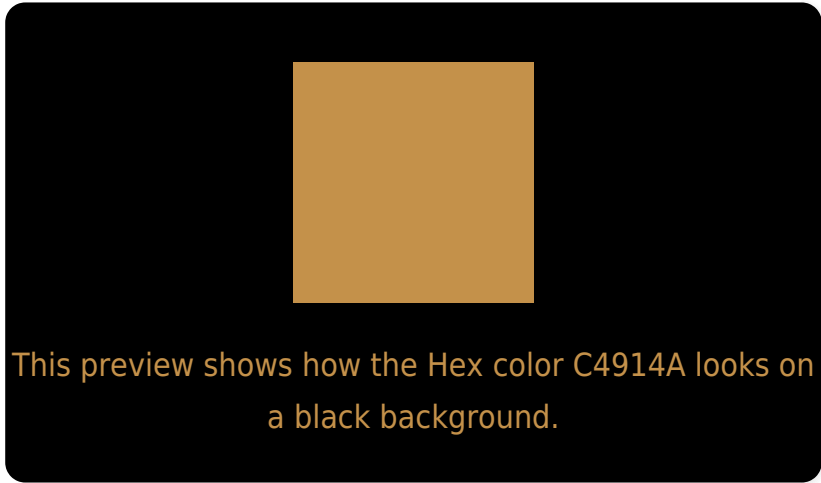
Large Text (above 18pt) WCAG AA × Fail

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

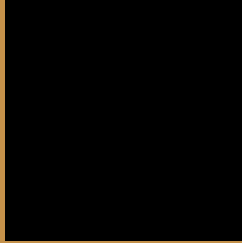
Any Text WCAG AA ✓ Pass

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 C4914A Background



This preview shows how black text looks on a background with the Hex color C4914A.



This preview shows how white text looks on a background with the Hex color C4914A.

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
C4914A

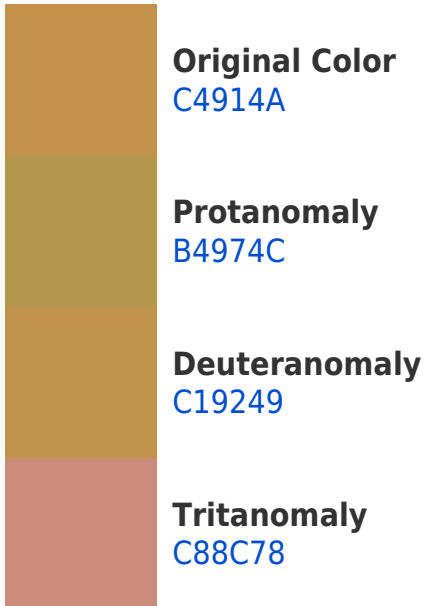
Protanopia
AB9B4D

Deuteranopia
BF9349

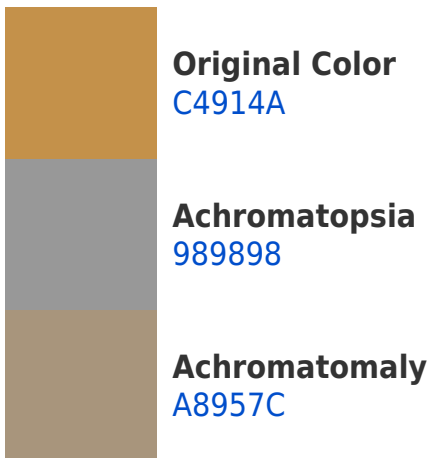


Tritanopia
CA8993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4914A 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 #C4914A looks like.

```
.text, #text, p{  
    color:#C4914A  
}
```

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 #C4914A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4914A
}
```

Border

The CSS property to change the border of an element to Hex C4914A 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
#C4914A }
```

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

```
.border{ border-color:#C4914A }
```

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

Here you see how a box with a 4 pixel #C4914A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4914A; -webkit-box-shadow:4px 4px  
4px 4px #C4914A; box-shadow:4px 4px 4px  
4px #C4914A }
```

Background

The CSS property to change the background color of an element to Hex C4914A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4914A }
```

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

```
.background{ background-color:#C4914A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor