

Converting Colors

Hex(C8A94D)

Have a look what the booklet for
Hex(C8A94D) contains.

Hex(C8A94D)	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(C8A94D)

Conversions

Conversions Part 1

Format	Color
Hex	C8A94D
RGB	200, 169, 77
RGB Percent	78%, 66%, 30%
CMY	0.2157, 0.3373, 0.6980
CMYK	0.00, 0.16, 0.61, 0.22
HSL	45°, 53%, 54%
HSV	45°, 62%, 78%
XYZ	39.3469, 41.1911, 12.8981
YIQ	167.7810, 48.0080, -22.0400

Conversions

Conversions Part 2

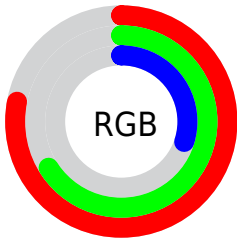
Format	Color
RYB	118, 200, 77
Decimal	13150541
CIELab	70.31, 0.62, 50.59
CIELCh	70, 50.589, 89.298
Yxy	41.1911, 0.4211, 0.4408
Android (android.graphics.Color)	4291340621 (0xFFC8A94D)
YUV	167.7810, -44.7550, 28.2561
Hunter-Lab	64.1803, -2.8828, 33.0109

Details

The Hex color **C8A94D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4D6CC8**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFE081**, and **8F7518** is the 20% darker color. If you saturate the color by 10%, you get **C8A439**, and if you desaturate by 10%, it is **C8AE61**.

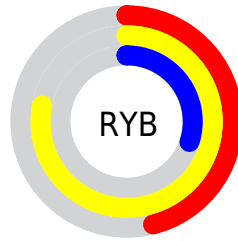
Distribution



Red (78%)

Green (66%)

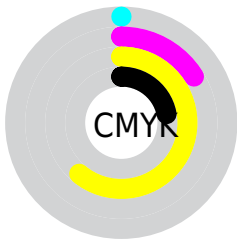
Blue (30%)



Red (46%)

Yellow (78%)

Blue (30%)

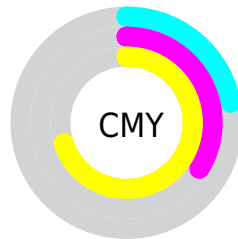


Cyan (0%)

Magenta (16%)

Yellow (61%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8A94D 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 C8A94D by changing the saturation by 10% instead.

 C8A94D

 C8A94D

FFFFFF

 AB8F33

 FFE081

 8F7518

 FFFD9C

 735D00

 FFFFFB8

 594500

 FFFFFD4

 3E2F00

 FFFFFFF1

 251B00

 030100

 000000

 C8A94D

 C8A94D

 C8A439

 C8AE61

 C89F25

 C8B375

 C89A11

 C8B889

 C89600

 C8BD9D

 C8C2B1

 C8C7C5

 C8CCD9

 C8D1ED

 C8D6FF

Harmonies

Analogous

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



EC985D



C8A94D



9AB659

Triad

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



C8A94D



00C2D7



E48FDC

Complementary

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



C8A94D



4D6CC8

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.



ADA0FC



C8A94D



00BDFA

Square

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



C8A94D



00C3A9



55B1FF



FF85AF

Rectangle

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



C8A94D



75BD6E



55B1FF



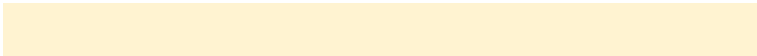
D594E8

Sweetspot

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



C8A94D



FFF3D1



C84D6E



807863



000000



808080

Same Dimension

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



C8A94D



FFCF42



ABC84D



63615A



A37A00



241B00

Inverse Universe

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



4D6CC8



4272FF



6A4DC8



5A5C63



0029A3



000924

Previews

White Background



This preview shows how the Hex color C8A94D looks on a white background.

Color Contrast Check

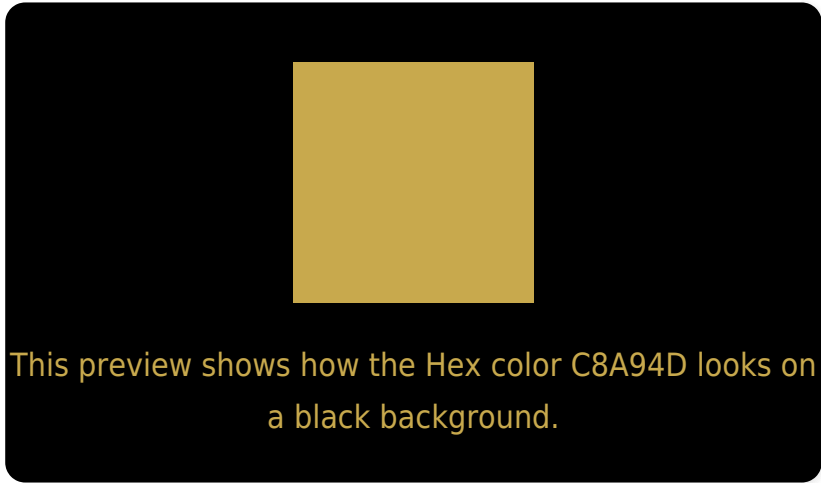
Large Text (above 18pt) WCAG AA × Fail

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 C8A94D Background



This preview shows how black text looks on a background with the Hex color C8A94D.

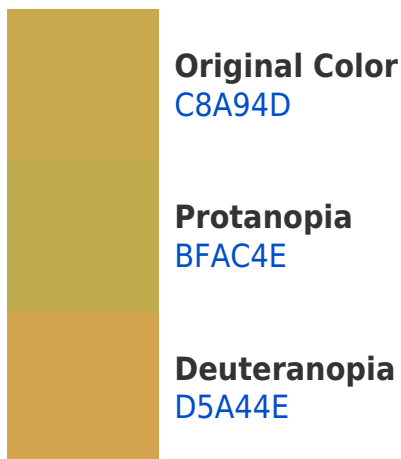


This preview shows how white text looks on a background with the Hex color C8A94D.

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](#).

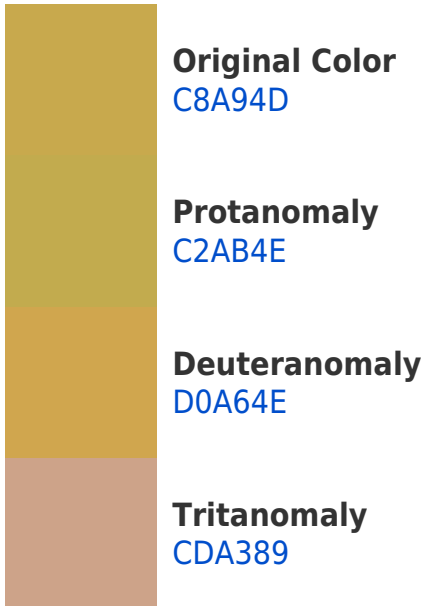
Dichromacy



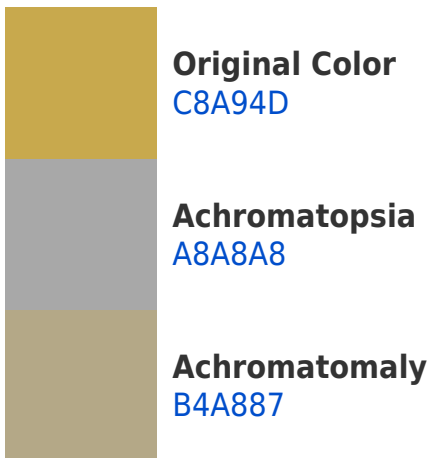


Tritanopia
D09FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C8A94D 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 #C8A94D looks like.

```
.text, #text, p{  
    color:#C8A94D  
}
```

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 #C8A94D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8A94D
}
```

Border

The CSS property to change the border of an element to Hex C8A94D 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
#C8A94D }
```

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

```
.border{ border-color:#C8A94D }
```

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

Here you see how a box with a 4 pixel #C8A94D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8A94D; -webkit-box-shadow:4px 4px  
4px 4px #C8A94D; box-shadow:4px 4px 4px  
4px #C8A94D }
```

Background

The CSS property to change the background color of an element to Hex C8A94D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8A94D }
```

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

```
.background{ background-color:#C8A94D }
```

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