

Converting Colors

Hex(CA8A64)

Have a look what the booklet for
Hex(CA8A64) contains.

Hex(CA8A64)	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(CA8A64)

Conversions

Conversions Part 1

Format	Color
Hex	CA8A64
RGB	202, 138, 100
RGB Percent	79%, 54%, 39%
CMY	0.2078, 0.4588, 0.6078
CMYK	0.00, 0.32, 0.50, 0.21
HSL	22°, 49%, 59%
HSV	22°, 50%, 79%
XYZ	35.7459, 31.6536, 16.2823
YIQ	152.8040, 50.3420, 1.7500

Conversions

Conversions Part 2

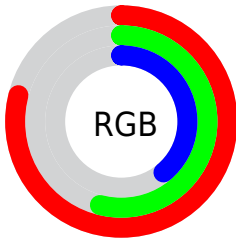
Format	Color
RYB	202, 161, 100
Decimal	13273700
CIELab	63.06, 20.15, 30.15
CIElCh	63, 36.262, 56.236
Yxy	31.6536, 0.4272, 0.3783
Android (android.graphics.Color)	4291463780 (0xFFCA8A64)
YUV	152.8040, -26.0324, 43.1449
Hunter-Lab	56.2615, 14.9525, 22.2243

Details

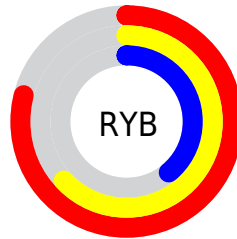
The Hex color **CA8A64** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **64A4CA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC097**, and **915834** is the 20% darker color. If you saturate the color by 10%, you get **CA7D50**, and if you desaturate by 10%, it is **CA9778**.

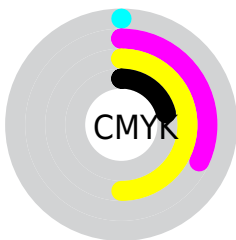
Distribution



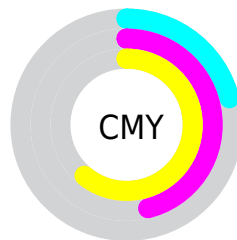
- Red (79%)
- Green (54%)
- Blue (39%)



- Red (79%)
- Yellow (63%)
- Blue (39%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (21%)



- Cyan (21%)
- Magenta (46%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA8A64 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 CA8A64 by changing the saturation by 10% instead.

 CA8A64

 CA8A64

FFFFFF

 AD704C

 FFC097

 915834

 FFDCB2

 75401E

 FFF8CE

 5A2907

 FFFFEA

 401400

 280000

 000000

 CA8A64

 CA8A64

 CA7D50

 CA9778

CA713C

CAA38C

CA6427

CAB0A1

CA5713

CABDB5

CA4B00

CAC9C9

CAD6DD

CAE3F1

CAEFFF

CAF0FF

Harmonies

Analogous

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



D7817E



CA8A64



B19558

Triad

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



CA8A64



3DA993



9692D2

Complementary

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



CA8A64



64A4CA

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.



619DD8



CA8A64



00A9B4

Square

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



CA8A64



6AA674



1DA5CD



BD86BD

Rectangle

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



CA8A64



9C9C5A



1DA5CD



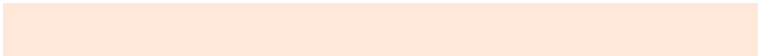
8696D6

Sweetspot

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



CA8A64



FFE7D9



CA64A5



807169



000000



808080

Same Dimension

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



CA8A64



FF9D63



CABC64



66605C



A63E00



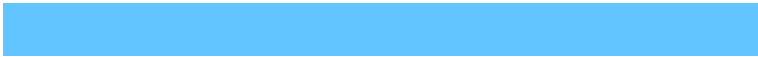
260E00

Inverse Universe

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



64A4CA



63C5FF



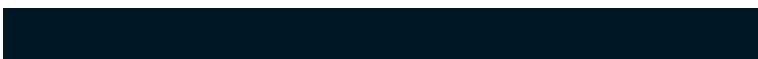
6472CA



5C6266



0068A6



001826

Previews

White Background



This preview shows how the Hex color CA8A64 looks on a white background.

Color Contrast Check

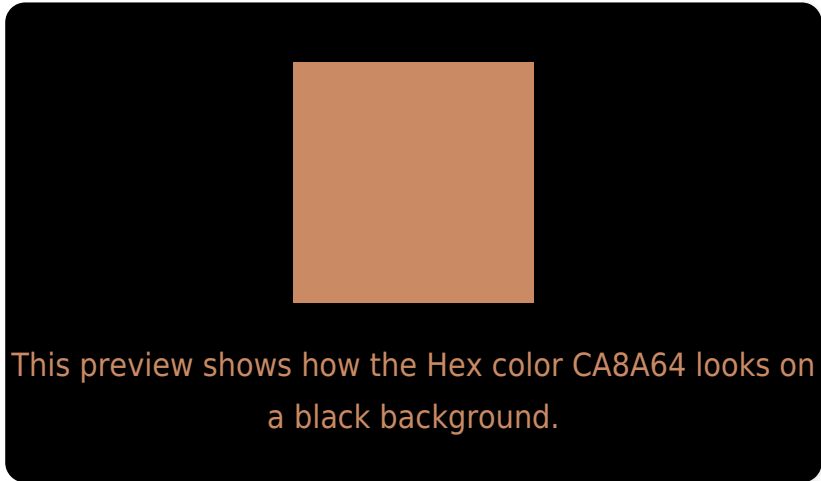
Large Text (above 18pt) WCAG AA × Fail

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

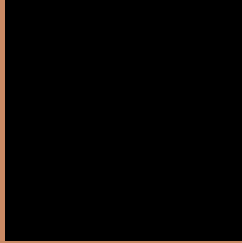
Any Text WCAG AA ✓ Pass

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 CA8A64 Background



This preview shows how black text looks on a background with the Hex color CA8A64.

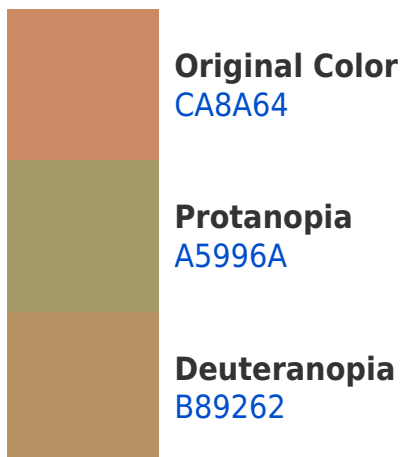


This preview shows how white text looks on a background with the Hex color CA8A64.

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
CD848E

Trichromacy



Original Color
CA8A64

Protanomaly
B29468

Deuteranomaly
BF8F63

Tritanomaly
CC867F

Monochromacy



Original Color
CA8A64

Achromatopsia
999999

Achromatomaly
AB9486

CSS Examples

Text

The CSS property to change the color of the text to Hex CA8A64 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 #CA8A64 looks like.

```
.text, #text, p{  
    color:#CA8A64  
}
```

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 #CA8A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8A64
}
```

Border

The CSS property to change the border of an element to Hex CA8A64 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
#CA8A64 }
```

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

```
.border{ border-color:#CA8A64 }
```

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

Here you see how a box with a 4 pixel #CA8A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8A64; -webkit-box-shadow:4px 4px  
4px 4px #CA8A64; box-shadow:4px 4px 4px  
4px #CA8A64 }
```

Background

The CSS property to change the background color of an element to Hex CA8A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8A64 }
```

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

```
.background{ background-color:#CA8A64 }
```

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