

Converting Colors

Hex(CA8C64)

Have a look what the booklet for
Hex(CA8C64) contains.

Hex(CA8C64)	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(CA8C64)

Conversions

Conversions Part 1

Format	Color
Hex	CA8C64
RGB	202, 140, 100
RGB Percent	79%, 55%, 39%
CMY	0.2078, 0.4510, 0.6078
CMYK	0.00, 0.31, 0.50, 0.21
HSL	24°, 49%, 59%
HSV	24°, 50%, 79%
XYZ	36.0355, 32.2328, 16.3789
YIQ	153.9780, 49.7920, 0.7040

Conversions

Conversions Part 2

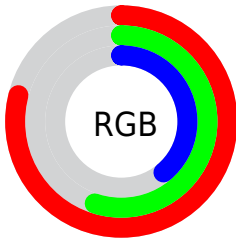
Format	Color
R_{YB}	202, 166, 100
Decimal	13274212
CIE _{Lab}	63.53, 19.06, 30.76
CIE _{LCh}	64, 36.188, 58.219
Yxy	32.2328, 0.4257, 0.3808
Android (android.graphics.Color)	4291464292 (0xFFCA8C64)
YUV	153.9780, -26.6112, 42.1153
Hunter-Lab	56.7740, 13.9427, 22.6370

Details

The Hex color **CA8C64** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **64A2CA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC297**, and **915A34** is the 20% darker color. If you saturate the color by 10%, you get **CA8050**, and if you desaturate by 10%, it is **CA9878**.

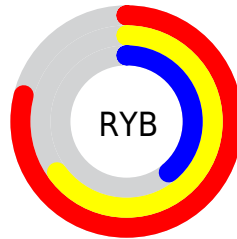
Distribution



Red (79%)

Green (55%)

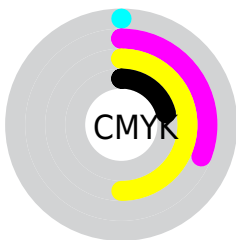
Blue (39%)



Red (79%)

Yellow (65%)

Blue (39%)

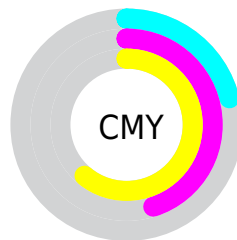


Cyan (0%)

Magenta (31%)

Yellow (50%)

Black (21%)



Cyan (21%)

Magenta (45%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA8C64 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 CA8C64 by changing the saturation by 10% instead.

 CA8C64

 CA8C64

FFFFFF

 AD724C

 FFC297

 915A34

 FFDEB2

 75421E

 FFFACE

 5A2B07

 FFFFEA

 401600

 280000

 000000

 CA8C64

 CA8C64

 CA8050

 CA9878

CA733C

CAA58C

CA6727

CAB1A1

CA5B13

CABDB5

CA4F00

CAC9C9

CAD6DD

CAE2F1

CAEEFF

CAFBF6

Harmonies

Analogous

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



D8837D



CA8C64



B19759

Triad

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



CA8C64



3BAB97



9B92D3

Complementary

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



CA8C64



64A2CA

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.



679EDA



CA8C64



00AAB7

Square

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



CA8C64



69A877



26A6D0



C187BC

Rectangle

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



CA8C64



9B9E5B



26A6D0



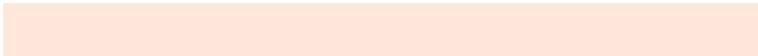
8B96D7

Sweetspot

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



CA8C64



FFE8D9



CA64A3



807269



000000



808080

Same Dimension

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



CA8C64



FFA063



CABE64



66605C



A64100



260F00

Inverse Universe

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



64A2CA



63C2FF



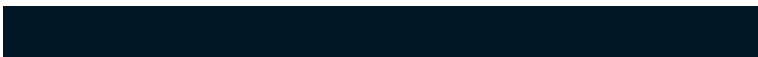
6470CA



5C6266



0065A6



001726

Previews

White Background



This preview shows how the Hex color CA8C64 looks on a white background.

Color Contrast Check

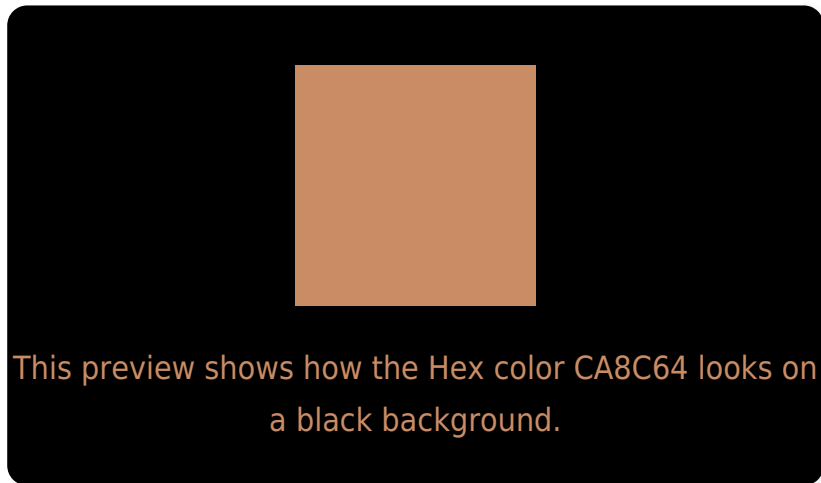
Large Text (above 18pt) WCAG AA × Fail

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

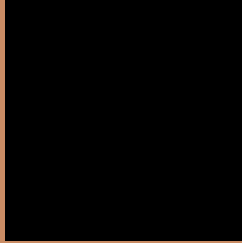
Any Text WCAG AA ✓ Pass

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 CA8C64 Background



This preview shows how black text looks on a background with the Hex color CA8C64.



This preview shows how white text looks on a background with the Hex color CA8C64.

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

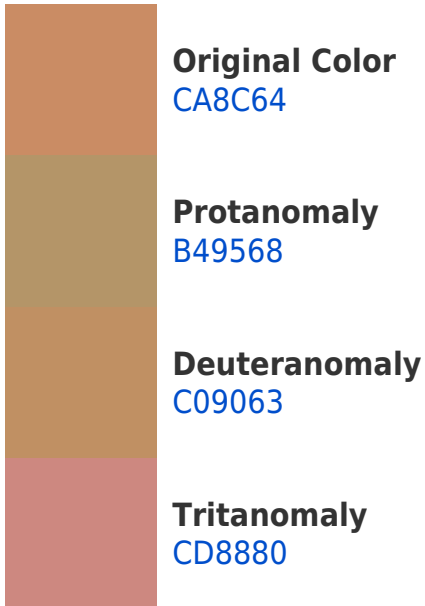


Original Color
CA8C64

Protanopia
A79A6A

Deuteranopia
BA9363

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA8C64 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 #CA8C64 looks like.

```
.text, #text, p{  
    color:#CA8C64  
}
```

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 #CA8C64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8C64
}
```

Border

The CSS property to change the border of an element to Hex CA8C64 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
#CA8C64 }
```

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

```
.border{ border-color:#CA8C64 }
```

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

Here you see how a box with a 4 pixel #CA8C64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8C64; -webkit-box-shadow:4px 4px  
4px 4px #CA8C64; box-shadow:4px 4px 4px  
4px #CA8C64 }
```

Background

The CSS property to change the background color of an element to Hex CA8C64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8C64 }
```

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

```
.background{ background-color:#CA8C64 }
```

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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