

Converting Colors

Hex(CA8E67)

Have a look what the booklet for
Hex(CA8E67) contains.

Hex(CA8E67)	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(CA8E67)

Conversions

Conversions Part 1

Format	Color
Hex	CA8E67
RGB	202, 142, 103
RGB Percent	79%, 56%, 40%
CMY	0.2078, 0.4431, 0.5961
CMYK	0.00, 0.30, 0.49, 0.21
HSL	24°, 48%, 60%
HSV	24°, 49%, 79%
XYZ	36.4783, 32.8818, 17.2562
YIQ	155.4940, 48.2790, 0.5910

Conversions

Conversions Part 2

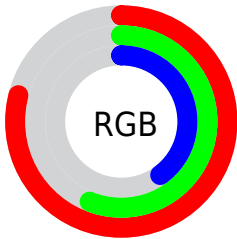
Format	Color
RYB	202, 167, 103
Decimal	13274727
CIELab	64.07, 18.25, 29.81
CIElCh	64, 34.954, 58.525
Yxy	32.8818, 0.4211, 0.3796
Android (android.graphics.Color)	4291464807 (0xFFCA8E67)
YUV	155.4940, -25.8795, 40.7858
Hunter-Lab	57.3427, 13.2023, 22.2977

Details

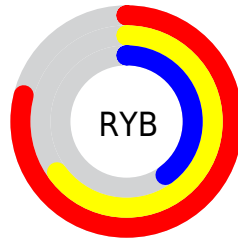
The Hex color **CA8E67** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **67A3CA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFC49B**, and **915C37** is the 20% darker color. If you saturate the color by 10%, you get **CA8253**, and if you desaturate by 10%, it is **CA9A7B**.

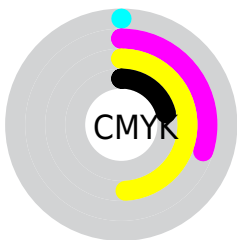
Distribution



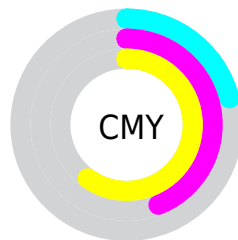
- Red (79%)
- Green (56%)
- Blue (40%)



- Red (79%)
- Yellow (65%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (21%)



- Cyan (21%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA8E67 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 CA8E67 by changing the saturation by 10% instead.

 CA8E67

 CA8E67

FFFFFF

 AD744F

 FFC49B

 915C37

 FFE0B6

 764421

 FFFDD1

 5B2D0A

 FFFFEE

 411800

 280000

 000000

 CA8E67

 CA8E67

 CA8253

 CA9A7B

CA763F

CAA68F

CA692A

CAB3A4

CA5D16

CABFB8

CA5102

CACBCC

CA5000

CAD7E0

CAE4F4

CAF0FF

CAF0FF

Harmonies

Analogous

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



D7857F



CA8E67



B1995C

Triad

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



CA8E67



42AC99



9D94D2

Complementary

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



CA8E67



67A3CA

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.



6B9FD9



CA8E67



18ABB8

Square

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



CA8E67



6CA97A



34A7D0



C189BC

Rectangle

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



CA8E67



9C9F5F



34A7D0



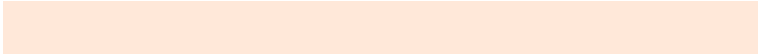
8D98D6

Sweetspot

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



CA8E67



FFE8D9



CA67A4



807269



000000



808080

Same Dimension

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



CA8E67



FFA469



CABE67



66605C



A64100



260F00

Inverse Universe

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



67A3CA



69C4FF



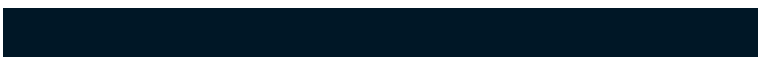
6773CA



5C6266



0064A6



001726

Previews

White Background



This preview shows how the Hex color CA8E67 looks on a white background.

Color Contrast Check

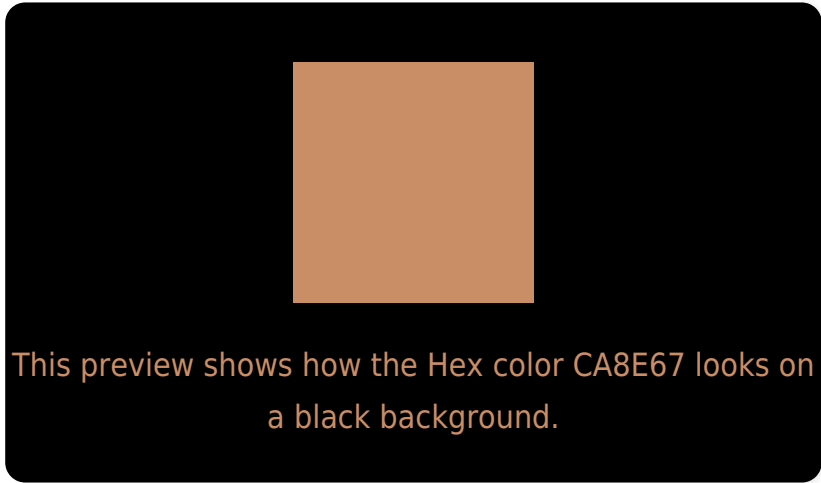
Large Text (above 18pt) WCAG AA × Fail

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

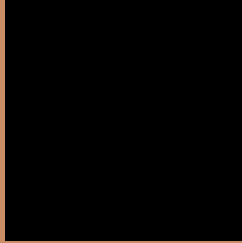
Any Text WCAG AA ✓ Pass

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 CA8E67 Background



This preview shows how black text looks on a background with the Hex color CA8E67.



This preview shows how white text looks on a background with the Hex color CA8E67.

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
CA8E67

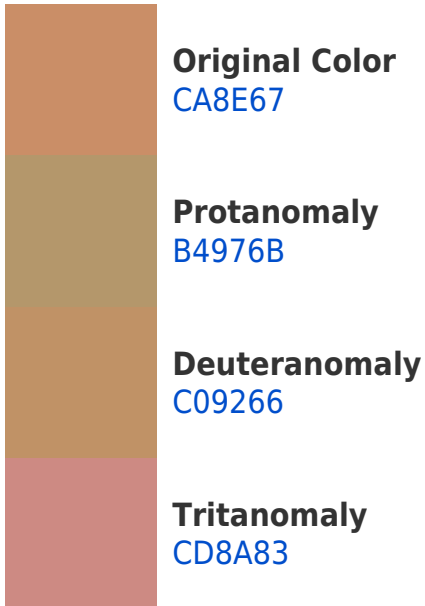
Protanopia
A89C6D

Deuteranopia
BB9566



Tritanopia
CE8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA8E67 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 #CA8E67 looks like.

```
.text, #text, p{  
    color:#CA8E67  
}
```

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 #CA8E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8E67
}
```

Border

The CSS property to change the border of an element to Hex CA8E67 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
#CA8E67 }
```

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

```
.border{ border-color:#CA8E67 }
```

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

Here you see how a box with a 4 pixel #CA8E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8E67; -webkit-box-shadow:4px 4px  
4px 4px #CA8E67; box-shadow:4px 4px 4px  
4px #CA8E67 }
```

Background

The CSS property to change the background color of an element to Hex CA8E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8E67 }
```

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

```
.background{ background-color:#CA8E67 }
```

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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