

Converting Colors

Hex(CA9E65)

Have a look what the booklet for
Hex(CA9E65) contains.

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Color

Hex(CA9E65)

Conversions

Conversions Part 1

Format	Color
Hex	CA9E65
RGB	202, 158, 101
RGB Percent	79%, 62%, 40%
CMY	0.2078, 0.3804, 0.6039
CMYK	0.00, 0.22, 0.50, 0.21
HSL	34°, 49%, 59%
HSV	34°, 50%, 79%
XYZ	38.9329, 37.9499, 17.5850
YIQ	164.6580, 44.5210, -8.3990

Conversions

Conversions Part 2

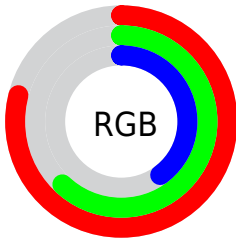
Format	Color
RYB	179, 202, 101
Decimal	13278821
CIELab	67.98, 9.33, 35.88
CIELCh	68, 37.078, 75.419
Yxy	37.9499, 0.4121, 0.4017
Android (android.graphics.Color)	4291468901 (0xFFCA9E65)
YUV	164.6580, -31.3834, 32.7489
Hunter-Lab	61.6035, 5.0047, 26.1978

Details

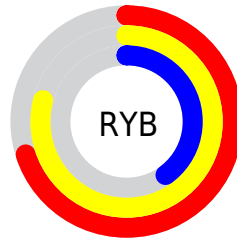
The Hex color **CA9E65** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6591CA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD599**, and **916B34** is the 20% darker color. If you saturate the color by 10%, you get **CA9551**, and if you desaturate by 10%, it is **CAA779**.

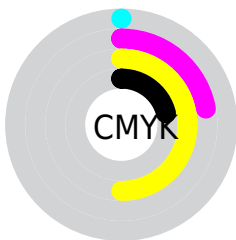
Distribution



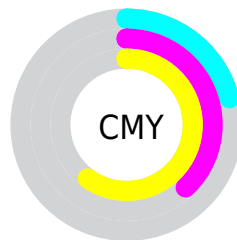
- Red (79%)
- Green (62%)
- Blue (40%)



- Red (70%)
- Yellow (79%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (50%)
- Black (21%)



- Cyan (21%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA9E65 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 CA9E65 by changing the saturation by 10% instead.

 CA9E65

 CA9E65

FFFFFF

 AD844C

 FFD599

 916B34

 FFF1B4

 76531D

 FFFF D0

 5C3C04

 FFFF EC

 422600

 291200

 020000

 000000

 CA9E65

 CA9E65

■ CA9551

■ CAA779

■ CA8C3D

■ CAB08D

■ CA8428

■ CAB8A2

■ CA7B14

■ CAC1B6

■ CA7200

■ CACACA

■ CAD3DE

■ CADCF2

■ CAE4FF

■ CAEDFF

Harmonies

Analogous

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



E09377



CA9E65



AAA964

Triad

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



CA9E65



28B8B6



BF97D5

Complementary

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



CA9E65



6591CA

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.



91A3E6



CA9E65



1AB5D4

Square

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



CA9E65



5AB694



58AEE6



DD8EB7

Rectangle

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



CA9E65



92AF6E



58AEE6



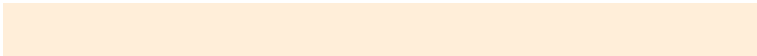
B29BDC

Sweetspot

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



CA9E65



FFEED9



CA6592



807669



000000



808080

Same Dimension

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



CA9E65



FFBC66



C5CA65



66625C



A65E00



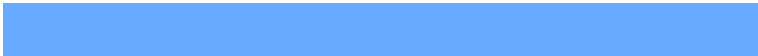
261600

Inverse Universe

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



6591CA



66A9FF



6A65CA



5C6066



0048A6



001126

Previews

White Background



This preview shows how the Hex color CA9E65 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

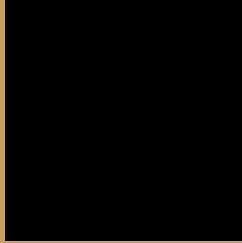
Any Text WCAG AA ✓ Pass

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 CA9E65 Background



This preview shows how black text looks on a background with the Hex color CA9E65.



This preview shows how white text looks on a background with the Hex color CA9E65.

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
CA9E65

Protanopia
B5A668

Deuteranopia
C99E65

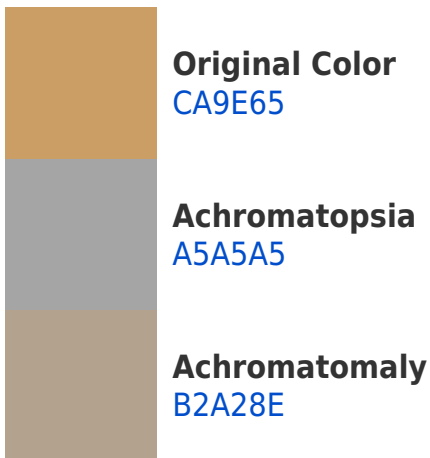


Tritanopia
CF96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA9E65 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 #CA9E65 looks like.

```
.text, #text, p{  
    color:#CA9E65  
}
```

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 #CA9E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9E65
}
```

Border

The CSS property to change the border of an element to Hex CA9E65 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
#CA9E65 }
```

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

```
.border{ border-color:#CA9E65 }
```

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

Here you see how a box with a 4 pixel #CA9E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9E65; -webkit-box-shadow:4px 4px  
4px 4px #CA9E65; box-shadow:4px 4px 4px  
4px #CA9E65 }
```

Background

The CSS property to change the background color of an element to Hex CA9E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9E65 }
```

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

```
.background{ background-color:#CA9E65 }
```

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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