

Converting Colors

Hex(C9A764)

Have a look what the booklet for
Hex(C9A764) contains.

Hex(C9A764)	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(C9A764)

Conversions

Conversions Part 1

Format	Color
Hex	C9A764
RGB	201, 167, 100
RGB Percent	79%, 65%, 39%
CMY	0.2118, 0.3451, 0.6078
CMYK	0.00, 0.17, 0.50, 0.21
HSL	40°, 48%, 59%
HSV	40°, 50%, 79%
XYZ	40.2064, 40.9750, 17.8465
YIQ	169.5280, 41.7710, -13.6290

Conversions

Conversions Part 2

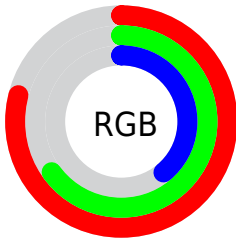
Format	Color
RYB	151, 201, 100
Decimal	13215588
CIELab	70.16, 3.97, 39.10
CIELCh	70, 39.297, 84.209
Yxy	40.9750, 0.4060, 0.4138
Android (android.graphics.Color)	4291405668 (0xFFC9A764)
YUV	169.5280, -34.2773, 27.6009
Hunter-Lab	64.0117, 0.0969, 28.2782

Details

The Hex color **C9A764** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6486C9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDE98**, and **917333** is the 20% darker color. If you saturate the color by 10%, you get **C9A050**, and if you desaturate by 10%, it is **C9AE78**.

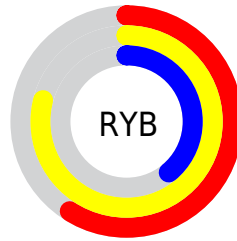
Distribution



Red (79%)

Green (65%)

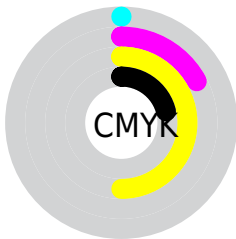
Blue (39%)



Red (59%)

Yellow (79%)

Blue (39%)

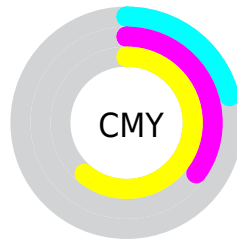


Cyan (0%)

Magenta (17%)

Yellow (50%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9A764 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 C9A764 by changing the saturation by 10% instead.

 C9A764

 C9A764

FFFFFF

 AD8D4B

 FFDE98

 917333

 FFFAB3

 755B1B

 FFFFCF

 5B4401

 FFFFEC

 422D00

 281900

 0B0000

 000000

 C9A764

 C9A764

 C9A050

 C9AE78

 C9993C

 C9B58C

 C99328

 C9BBA0

 C98C14

 C9C2B4

 C98500

 C9C9C9

 C9D0DD

 C9D6F1

 C9DDFF

 C9E4FF

Harmonies

Analogous

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



E49B73



C9A764



A5B269

Triad

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



C9A764



00BEC8



D298D6

Complementary

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



C9A764



6486C9

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.



A5A5ED



C9A764



1FBAE4

Square

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



C9A764



4ABEA3



6AB1F2



EB90B4

Rectangle

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



C9A764



8AB877



6AB1F2



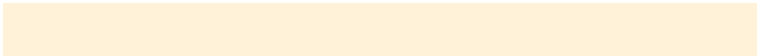
C59CDF

Sweetspot

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



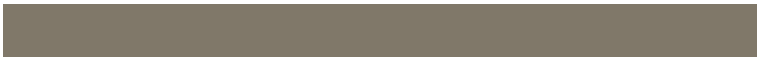
C9A764



FFF2D9



C96487



807869



000000



808080

Same Dimension

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



C9A764



FFCB66



BAC964



63605A



A36C00



241800

Inverse Universe

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



6486C9



669AFF



7364C9



5A5D63



0037A3



000C24

Previews

White Background



This preview shows how the Hex color C9A764 looks on a white background.

Color Contrast Check

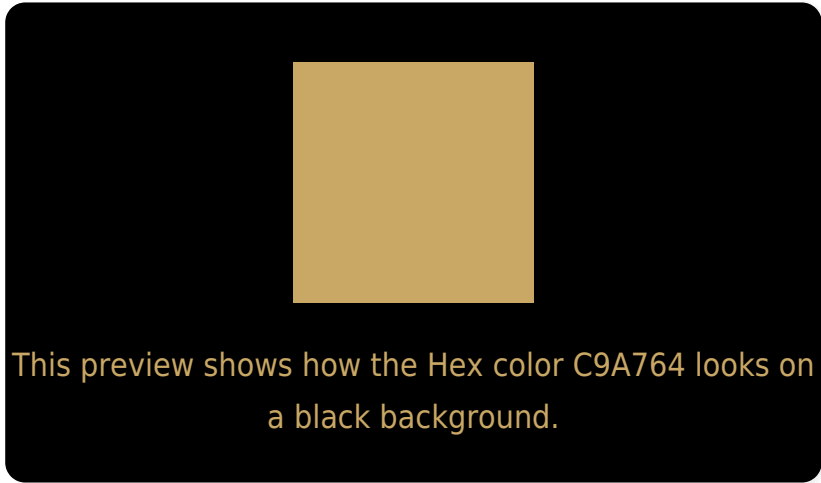
Large Text (above 18pt) WCAG AA × Fail

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 C9A764 Background



This preview shows how black text looks on a background with the Hex color C9A764.



This preview shows how white text looks on a background with the Hex color C9A764.

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
C9A764

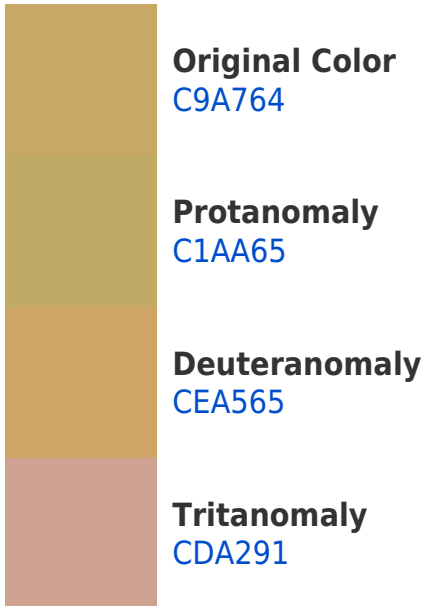
Protanopia
BCAC66

Deuteranopia
D1A465

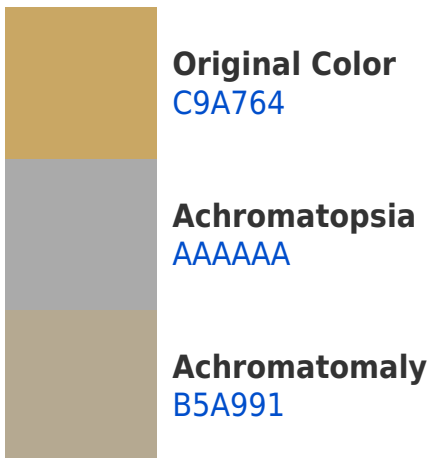


Tritanopia
D09FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9A764 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 #C9A764 looks like.

```
.text, #text, p{  
    color:#C9A764  
}
```

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 #C9A764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A764
}
```

Border

The CSS property to change the border of an element to Hex C9A764 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
#C9A764 }
```

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

```
.border{ border-color:#C9A764 }
```

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

Here you see how a box with a 4 pixel #C9A764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A764; -webkit-box-shadow:4px 4px  
4px 4px #C9A764; box-shadow:4px 4px 4px  
4px #C9A764 }
```

Background

The CSS property to change the background color of an element to Hex C9A764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A764 }
```

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

```
.background{ background-color:#C9A764 }
```

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