

# Converting Colors

Hex(CE9D64)

Have a look what the booklet for  
Hex(CE9D64) contains.

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# **Color**

**Hex(CE9D64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE9D64
RGB	206, 157, 100
RGB Percent	81%, 62%, 39%
CMY	0.1922, 0.3843, 0.6078
CMYK	0.00, 0.24, 0.51, 0.19
HSL	32°, 52%, 60%
HSV	32°, 51%, 81%
XYZ	39.8108, 38.1559, 17.3232
YIQ	165.1530, 47.5010, -7.3390

# Conversions

## Conversions Part 2

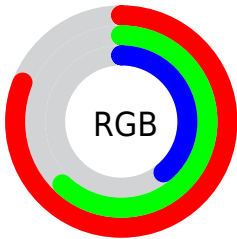
Format	Color
<a href="#">RYB</a>	<a href="#">191, 206, 100</a>
Decimal	<a href="#">13540708</a>
CIELab	<a href="#">68.14, 11.45, 36.69</a>
CIELCh	<a href="#">68, 38.434, 72.667</a>
Yxy	<a href="#">38.1559, 0.4178, 0.4004</a>
Android (android.graphics.Color)	<a href="#">4291730788</a> ( <a href="#">0xFFCE9D64</a> )
YUV	<a href="#">165.1530, -32.1204, 35.8228</a>
Hunter-Lab	<a href="#">61.7704, 6.9444, 26.6118</a>

# Details

The Hex color **CE9D64** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6495CE**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD498**, and **956A33** is the 20% darker color. If you saturate the color by 10%, you get **CE934F**, and if you desaturate by 10%, it is **CEA779**.

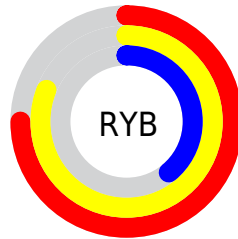
# Distribution



Red (81%)

Green (62%)

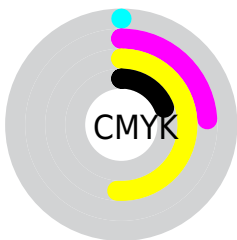
Blue (39%)



Red (75%)

Yellow (81%)

Blue (39%)

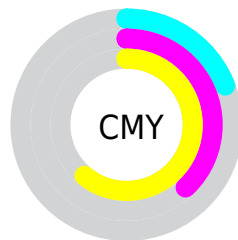


Cyan (0%)

Magenta (24%)

Yellow (51%)

Black (19%)



Cyan (19%)

Magenta (38%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9D64 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 CE9D64 by changing the saturation by 10% instead.



 CE9D64

 CE9D64

FFFFFF

 B1834B

 FFD498

 956A33

 FFF0B3

 79521C

 FFFFCF

 5F3B03

 FFFFEB

 452500

 2B1100

 090000

 000000

 CE9D64

 CE9D64

 CE934F

 CEA779

 CE8A3B

 CEB08D

 CE8026

 CEBA A2

 CE7712

 CEC3B6

 CE6F00

 CECD CB

 CED6E0

 CEE0F4

 CEE9FF

 CEF3FF

# Harmonies

## Analogous

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



E39179



CE9D64



AEA961

# Triad

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



CE9D64



21B9B4



BD98D9

# Complementary

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



CE9D64



6495CE

# 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.



8BA4EA



CE9D64



00B6D4

# Square

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



CE9D64



5BB790



4DAFE8



DD8DBC

# Rectangle

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



CE9D64



95AF6A



4DAFE8



AE9CE1

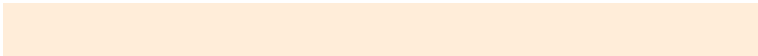


# Sweetspot

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



CE9D64



FFEDD9



CE6495



807569



000000



808080



# Same Dimension

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



CE9D64



FFB661



CACE64



66615C



A65900



261500

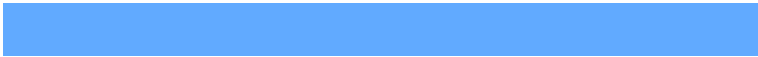


# Inverse Universe

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



6495CE



61AAFF



6864CE



5C6166



004DA6



001226



# Previews

## White Background



This preview shows how the Hex color CE9D64 looks on a white background.

## Color Contrast Check

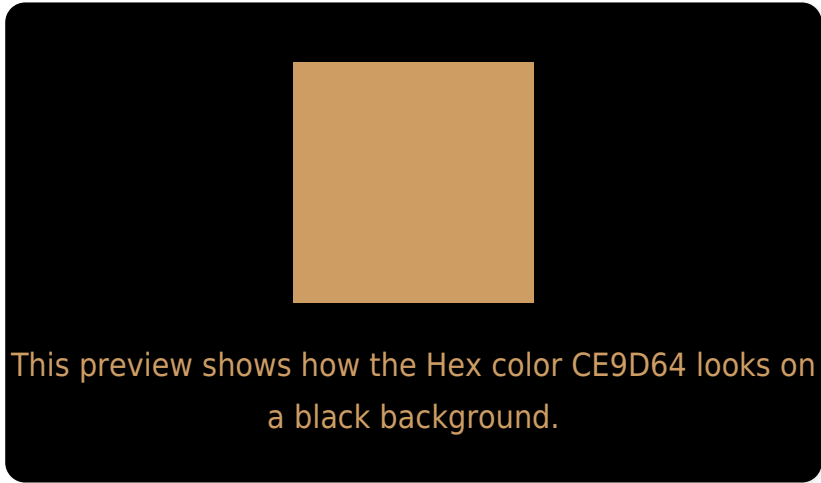
Large Text (above 18pt) WCAG AA × Fail

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

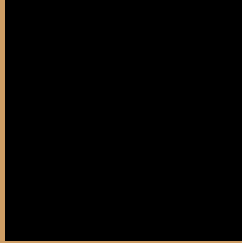
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CE9D64 Background



This preview shows how black text looks on a background with the Hex color CE9D64.

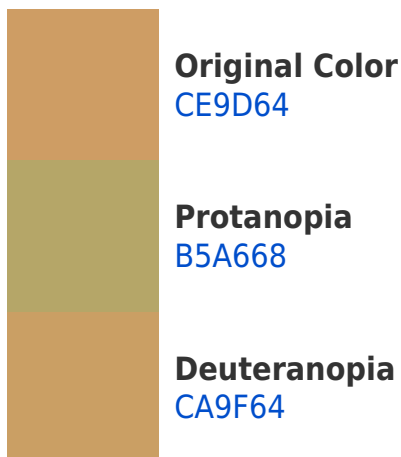


This preview shows how white text looks on a background with the Hex color CE9D64.

# 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](#).

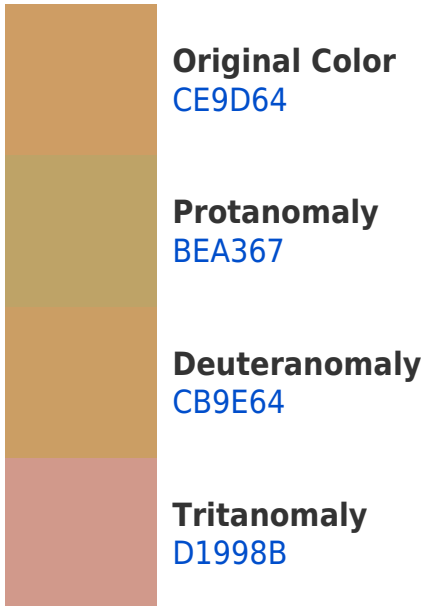
## Dichromacy





**Tritanopia**  
D396A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9D64 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 #CE9D64 looks like.

```
.text, #text, p{  
    color:#CE9D64  
}
```

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 #CE9D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9D64
}
```

## Border

The CSS property to change the border of an element to Hex CE9D64 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
#CE9D64 }
```

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

```
.border{ border-color:#CE9D64 }
```

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

Here you see how a box with a 4 pixel #CE9D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9D64; -webkit-box-shadow:4px 4px  
4px 4px #CE9D64; box-shadow:4px 4px 4px  
4px #CE9D64 }
```

# Background

The CSS property to change the background color of an element to Hex CE9D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9D64 }
```

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

```
.background{ background-color:#CE9D64 }
```

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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