

# Converting Colors

Hex(CE9564)

Have a look what the booklet for  
Hex(CE9564) contains.

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# **Color**

**Hex(CE9564)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE9564
RGB	206, 149, 100
RGB Percent	81%, 58%, 39%
CMY	0.1922, 0.4157, 0.6078
CMYK	0.00, 0.28, 0.51, 0.19
HSL	28°, 52%, 60%
HSV	28°, 51%, 81%
XYZ	38.5013, 35.5368, 16.8866
YIQ	160.4570, 49.7010, -3.1550

# Conversions

## Conversions Part 2

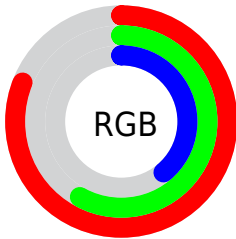
Format	Color
R <sub>Y</sub> B	206, 191, 100
Decimal	13538660
CIE Lab	66.16, 15.80, 34.21
CIE LCh	66, 37.680, 65.212
Yxy	35.5368, 0.4234, 0.3908
Android (android.graphics.Color)	4291728740 (0xFFCE9564)
YUV	160.4570, -29.8053, 39.9412
Hunter-Lab	59.6128, 10.9631, 24.9337

# Details

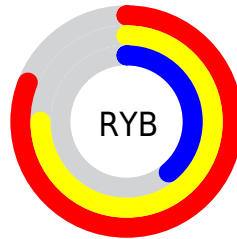
The Hex color **CE9564** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **649DCE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCB98**, and **956234** is the 20% darker color. If you saturate the color by 10%, you get **CE8A4F**, and if you desaturate by 10%, it is **CEA079**.

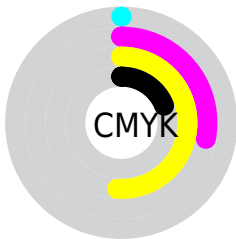
# Distribution



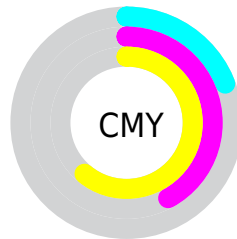
- Red (81%)
- Green (58%)
- Blue (39%)



- Red (81%)
- Yellow (75%)
- Blue (39%)



- Cyan (0%)
- Magenta (28%)
- Yellow (51%)
- Black (19%)



- Cyan (19%)
- Magenta (42%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9564 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 CE9564 by changing the saturation by 10% instead.



 CE9564

 CE9564

FFFFFF

 B17B4B

 FFCB98

 956234

 FFE7B3

 794A1D

 FFFFCE

 5E3305

 FFFFEB

 441E00

 2A0900

 000000

 CE9564

 CE9564

 CE8A4F

 CEA079

 CE7F3B

 CEAB8D

 CE7426

 CEB6A2

 CE6912

 CEC1B6

 CE5F00

 CECCCB

 CED7E0

 CEE3F4

 CEEEFF

 CEF9FF

# Harmonies

## Analogous

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



E08A7C



CE9564



B1A15D

# Triad

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



CE9564



2FB3A6



AC96D8

# Complementary

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



CE9564



649DCE

# 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.



79A2E4



CE9564



00B1C7

# Square

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



CE9564



63B083



38ACDD



D08BBE

# Rectangle

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



CE9564



9AA762



38ACDD



9D9ADE

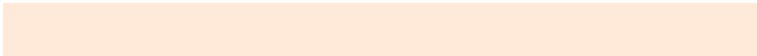


# Sweetspot

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



CE9564



FFEAD9



CE649E



807369



000000



808080



# Same Dimension

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



CE9564



FFAA61



CEC964



66615C



A64D00



261200



# Inverse Universe

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



649DCE



61B6FF



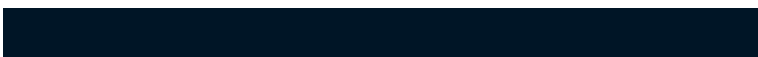
6469CE



5C6166



0059A6



001526



# Previews

## White Background



This preview shows how the Hex color CE9564 looks on a white background.

## Color Contrast Check

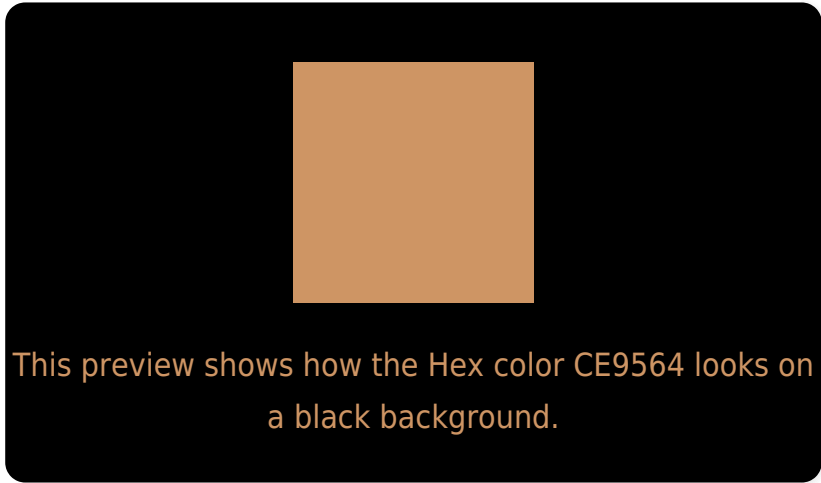
Large Text (above 18pt) WCAG AA × Fail

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 CE9564 Background



This preview shows how black text looks on a background with the Hex color CE9564.

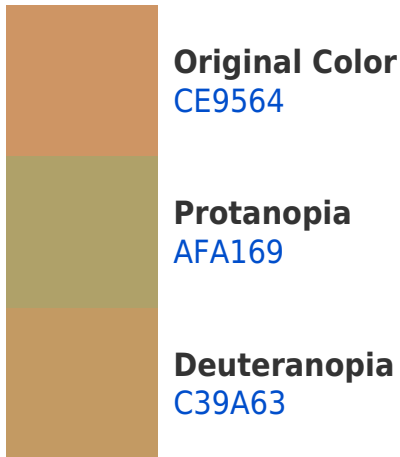



This preview shows how white text looks on a background with the Hex color CE9564.

# 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



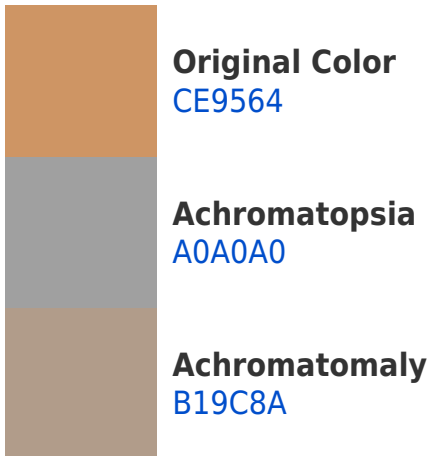


**Tritanopia**  
D28E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9564 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 #CE9564 looks like.

```
.text, #text, p{  
    color:#CE9564  
}
```

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 #CE9564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9564
}
```

## Border

The CSS property to change the border of an element to Hex CE9564 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
#CE9564 }
```

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

```
.border{ border-color:#CE9564 }
```

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

Here you see how a box with a 4 pixel #CE9564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9564; -webkit-box-shadow:4px 4px  
4px 4px #CE9564; box-shadow:4px 4px 4px  
4px #CE9564 }
```

# Background

The CSS property to change the background color of an element to Hex CE9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9564 }
```

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

```
.background{ background-color:#CE9564 }
```

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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