

# Converting Colors

Hex(C99864)

Have a look what the booklet for  
Hex(C99864) contains.

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# **Color**

**Hex(C99864)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C99864
RGB	201, 152, 100
RGB Percent	79%, 60%, 39%
CMY	0.2118, 0.4039, 0.6078
CMYK	0.00, 0.24, 0.50, 0.21
HSL	31°, 48%, 59%
HSV	31°, 50%, 79%
XYZ	37.6159, 35.7941, 16.9830
YIQ	160.7230, 45.8960, -5.7840

# Conversions

## Conversions Part 2

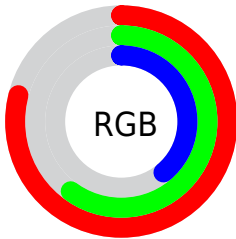
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 201, 100
Decimal	13211748
CIELab	66.36, 12.09, 34.35
CIELCh	66, 36.410, 70.611
Yxy	35.7941, 0.4161, 0.3960
Android (android.graphics.Color)	4291401828 (0xFFC99864)
YUV	160.7230, -29.9364, 35.3229
Hunter-Lab	59.8282, 7.5294, 25.0495

# Details

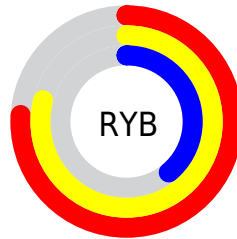
The Hex color **C99864** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6495C9**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCE98**, and **906534** is the 20% darker color. If you saturate the color by 10%, you get **C98E50**, and if you desaturate by 10%, it is **C9A278**.

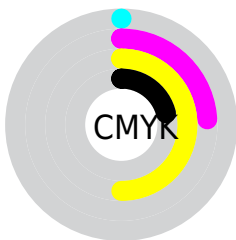
# Distribution



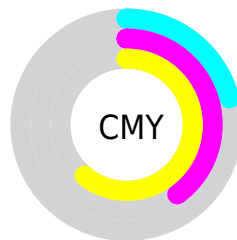
- Red (79%)
- Green (60%)
- Blue (39%)



- Red (76%)
- Yellow (79%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (50%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C99864 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 C99864 by changing the saturation by 10% instead.



 C99864

 C99864

FFFFFF

 AC7E4B

 FFCE98

 906534

 FFEAB3

 754D1D

 FFFFCE

 5A3605

 FFFFEB

 412100

 270C00

 000000

 C99864

 C99864

 C98E50

 C9A278

 C9843C

 C9AC8C

 C97B28

 C9B5A0

 C97114

 C9BFB4

 C96700

 C9C9C9

 C9D3DD

 C9DCF1

 C9E6FF

 C9F0FF

# Harmonies

## Analogous

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



DC8D78



C99864



ABA360

# Triad

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



C99864



2FB3AC



B495D3

# Complementary

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



C99864



6495C9

# 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.



85A1E1



C99864



11B1CB

# Square

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



C99864



5FB18B



4BABDE



D48BB8

# Rectangle

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



C99864



94A968



4BABDE



A699DA

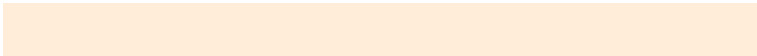


# Sweetspot

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



C99864



FFECD9



C96497



807469



000000



808080



# Same Dimension

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



C99864



FFB566



C9C964



635F5A



A35400



241200

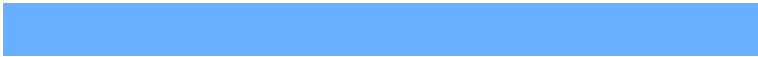


# Inverse Universe

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



6495C9



66B0FF



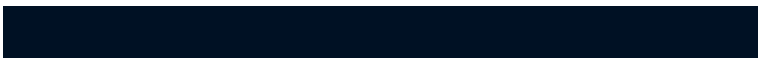
6464C9



5A5E63



004FA3



001124



# Previews

## White Background



This preview shows how the Hex color C99864 looks on a white background.

## Color Contrast Check

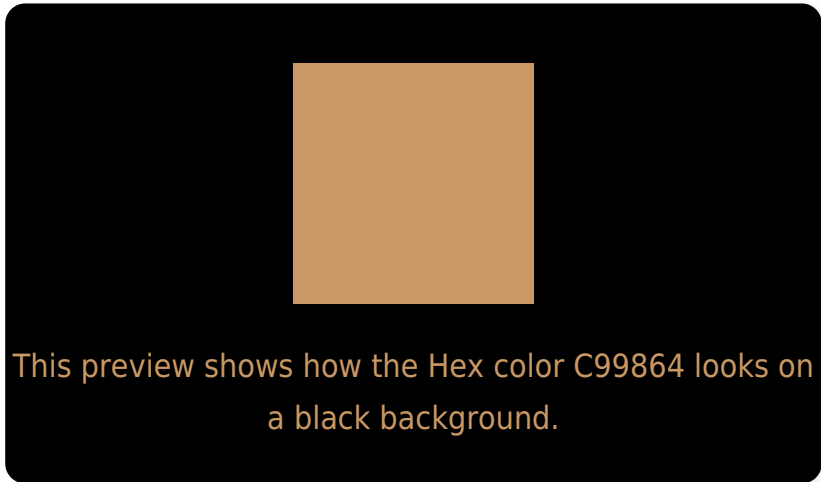
Large Text (above 18pt) WCAG AA × Fail

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

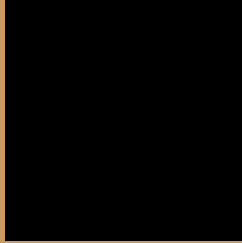
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C99864 Background



This preview shows how black text looks on a background with the Hex color C99864.



This preview shows how white text looks on a background with the Hex color C99864.

# 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**  
C99864

**Protanopia**  
B0A268

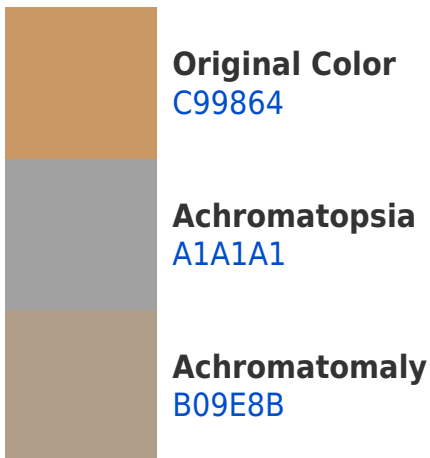
**Deuteranopia**  
C49A63



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C99864 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 #C99864 looks like.

```
.text, #text, p{  
    color:#C99864  
}
```

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 #C99864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99864
}
```

## Border

The CSS property to change the border of an element to Hex C99864 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
#C99864 }
```

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

```
.border{ border-color:#C99864 }
```

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

Here you see how a box with a 4 pixel #C99864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99864; -webkit-box-shadow:4px 4px  
4px 4px #C99864; box-shadow:4px 4px 4px  
4px #C99864 }
```

# Background

The CSS property to change the background color of an element to Hex C99864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99864 }
```

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

```
.background{ background-color:#C99864 }
```

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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