

# Converting Colors

Hex(C99547)

Have a look what the booklet for  
Hex(C99547) contains.

<b>Hex(C99547)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C99547)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C99547
RGB	201, 149, 71
RGB Percent	79%, 58%, 28%
CMY	0.2118, 0.4157, 0.7216
CMYK	0.00, 0.26, 0.65, 0.21
HSL	36°, 55%, 53%
HSV	36°, 65%, 79%
XYZ	35.9722, 34.3673, 10.6989
YIQ	155.6560, 56.0300, -13.2340

# Conversions

## Conversions Part 2

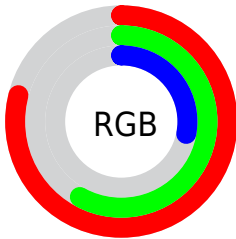
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 201, 71
Decimal	13210951
CIELab	65.25, 11.44, 47.80
CIELCh	65, 49.152, 76.539
Yxy	34.3673, 0.4439, 0.4241
Android (android.graphics.Color)	4291401031 (0xFFC99547)
YUV	155.6560, -41.7354, 39.7667
Hunter-Lab	58.6237, 6.9383, 30.2161

# Details

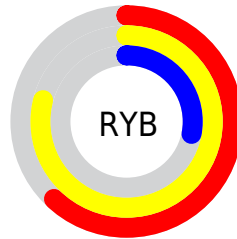
The Hex color **C99547** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **477BC9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFCB7A**, and **8F6213** is the 20% darker color. If you saturate the color by 10%, you get **C98D33**, and if you desaturate by 10%, it is **C99D5B**.

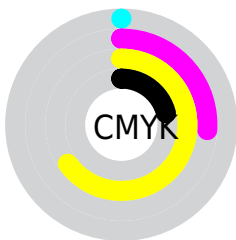
# Distribution



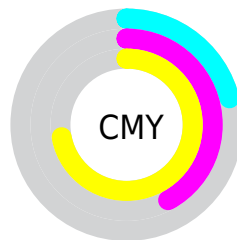
- Red (79%)
- Green (58%)
- Blue (28%)



- Red (62%)
- Yellow (79%)
- Blue (28%)



- Cyan (0%)
- Magenta (26%)
- Yellow (65%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C99547 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 C99547 by changing the saturation by 10% instead.



 C99547

 C99547

FFFFFF

 AC7B2E

 FFCB7A

 8F6213

 FFE795

 734B00

 FFFFB0

 583400

 FFFFCC

 3D1F00

 FFFFFE9

 240900

 000000

 C99547

 C99547

 C98D33

 C99D5B

 C9851F

 C9A56F

 C97D0B

 C9AD83

 C97900

 C9B597

 C9BDAC

 C9C5C0

 C9CDD4

 C9D5E8

 C9DDFC

# Harmonies

## Analogous

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



E68560



C99547



A0A446

# Triad

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



C99547



00B5B6



C189DB

# Complementary

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



C99547



477BC9

# 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.



809BF3



C99547



00B1DD

# Square

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



C99547



17B388



00A9F4



E67BB4

# Rectangle

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



C99547



80AB55



00A9F4



AE8FE5

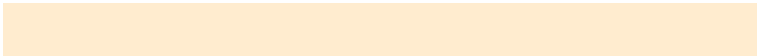


# Sweetspot

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



C99547



FFECCF



C9477B



807462



000000



808080



# Same Dimension

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



C99547



FFAF38



BCC947



635F5A



A36200



241500



# Inverse Universe

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



477BC9



3888FF



5447C9



5A5D63



0041A3

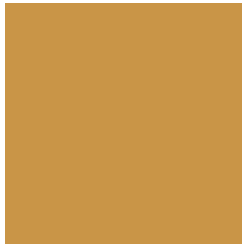


000E24



# Previews

## White Background



This preview shows how the Hex color C99547 looks on a white background.

## Color Contrast Check

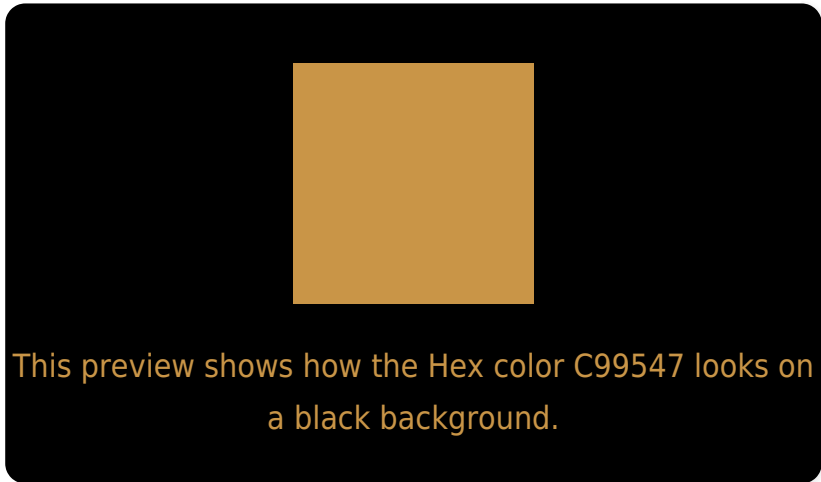
Large Text (above 18pt) WCAG AA × Fail

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

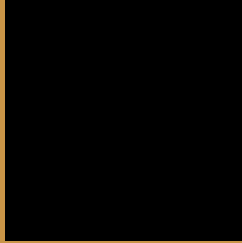
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C99547 Background



This preview shows how black text looks on a background with the Hex color C99547.



This preview shows how white text looks on a background with the Hex color C99547.

# 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**  
C99547

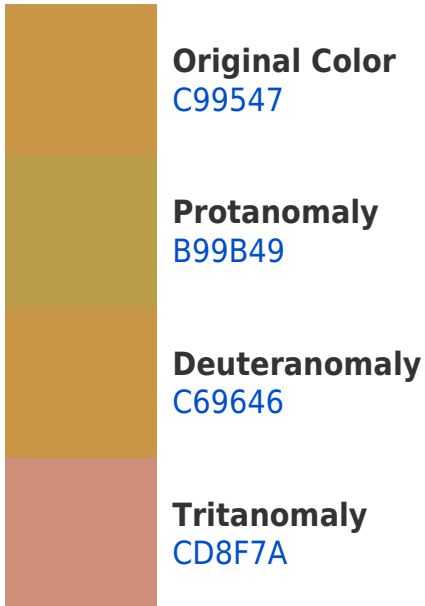
**Protanopia**  
B09F4A

**Deuteranopia**  
C59746



**Tritanopia**  
CF8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C99547 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 #C99547 looks like.

```
.text, #text, p{  
    color:#C99547  
}
```

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 #C99547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99547
}
```

## Border

The CSS property to change the border of an element to Hex C99547 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
#C99547 }
```

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

```
.border{ border-color:#C99547 }
```

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

Here you see how a box with a 4 pixel #C99547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99547; -webkit-box-shadow:4px 4px  
4px 4px #C99547; box-shadow:4px 4px 4px  
4px #C99547 }
```

# Background

The CSS property to change the background color of an element to Hex C99547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99547 }
```

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

```
.background{ background-color:#C99547 }
```

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