

# Converting Colors

Hex(C9953C)

Have a look what the booklet for  
Hex(C9953C) contains.

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**Color**

**Hex(C9953C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9953C
RGB	201, 149, 60
RGB Percent	79%, 58%, 24%
CMY	0.2118, 0.4157, 0.7647
CMYK	0.00, 0.26, 0.70, 0.21
HSL	38°, 57%, 51%
HSV	38°, 70%, 79%
XYZ	35.6505, 34.2386, 9.0047
YIQ	154.4020, 59.5610, -16.6550

# Conversions

## Conversions Part 2

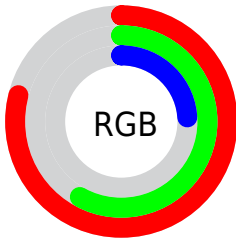
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 201, 60
Decimal	13210940
CIELab	65.15, 10.80, 52.78
CIELCh	65, 53.873, 78.438
Yxy	34.2386, 0.4519, 0.4340
Android (android.graphics.Color)	4291401020 (0xFFC9953C)
YUV	154.4020, -46.5402, 40.8664
Hunter-Lab	58.5138, 6.3548, 31.8355

# Details

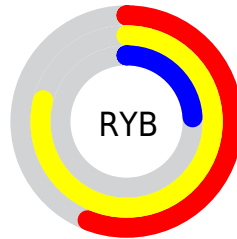
The Hex color **C9953C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3C70C9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFCB70**, and **8F6200** is the 20% darker color. If you saturate the color by 10%, you get **C98E28**, and if you desaturate by 10%, it is **C99C50**.

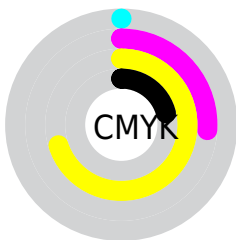
# Distribution



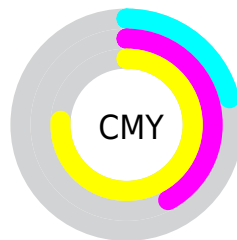
- Red (79%)
- Green (58%)
- Blue (24%)



- Red (56%)
- Yellow (79%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (70%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9953C 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 C9953C by changing the saturation by 10% instead.



 C9953C

 C9953C

FFFFFF

 AC7B21

 FFCB70

 8F6200

 FFE78A

 734B00

 FFFFA6

 573400

 FFFFC1

 3C1F00

 FFFFDE

 240A00

 FFFFFB

 000000

 C9953C

 C9953C

 C98E28

 C99C50

 C98614

 C9A464

 C97F00

 C9AB78

 C9B38C

 C9BAA1

 C9C1B5

 C9C9C9

 C9D0DD

 C9D8F1

# Harmonies

## Analogous

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



E98358



C9953C



9CA53D

# Triad

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



C9953C



00B6BB



C785DF

# Complementary

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



C9953C



3C70C9

# 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.



8099FA



C9953C



00B2E5

# Square

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



C9953C



00B589



00A9FC



ED76B3

# Rectangle

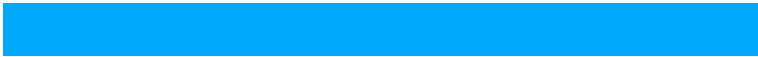
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C9953C



79AC4F



00A9FC



B38CEA

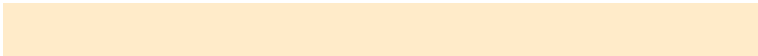


# Sweetspot

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



C9953C



FFEBC9



C93C72



807460



000000



808080



# Same Dimension

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



C9953C



FFB029



B9C93C



63605A



A36700



241700



# Inverse Universe

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



3C70C9



2978FF



4C3CC9



5A5D63



003CA3

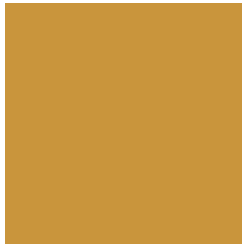


000D24



# Previews

## White Background



This preview shows how the Hex color C9953C looks on a white background.

## Color Contrast Check

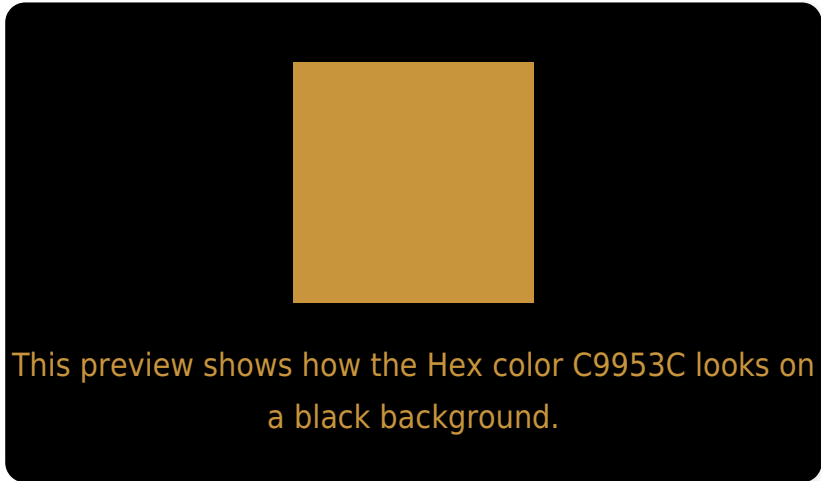
Large Text (above 18pt) WCAG AA × Fail

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 C9953C Background



This preview shows how black text looks on a background with the Hex color C9953C.



This preview shows how white text looks on a background with the Hex color C9953C.

# 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**  
C9953C

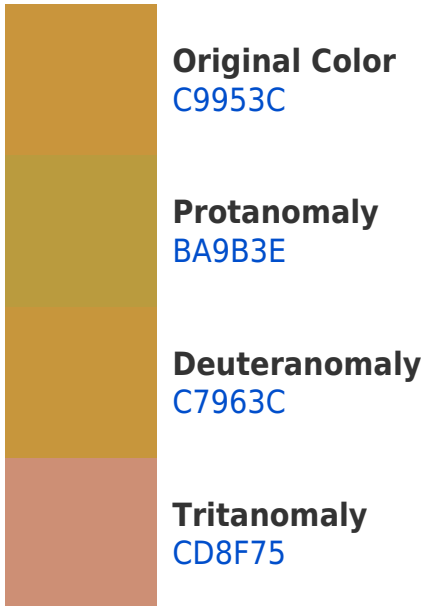
**Protanopia**  
B19F3F

**Deuteranopia**  
C6973C



**Tritanopia**  
CF8C96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9953C 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 #C9953C looks like.

```
.text, #text, p{  
    color:#C9953C  
}
```

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 #C9953C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9953C
}
```

## Border

The CSS property to change the border of an element to Hex C9953C 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
#C9953C }
```

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

```
.border{ border-color:#C9953C }
```

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

Here you see how a box with a 4 pixel #C9953C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9953C; -webkit-box-shadow:4px 4px  
4px 4px #C9953C; box-shadow:4px 4px 4px  
4px #C9953C }
```

# Background

The CSS property to change the background color of an element to Hex C9953C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9953C }
```

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

```
.background{ background-color:#C9953C }
```

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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