

# Converting Colors

Hex(C9725C)

Have a look what the booklet for  
Hex(C9725C) contains.

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**Color**

**Hex(C9725C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9725C
RGB	201, 114, 92
RGB Percent	79%, 45%, 36%
CMY	0.2118, 0.5529, 0.6392
CMYK	0.00, 0.43, 0.54, 0.21
HSL	12°, 50%, 57%
HSV	12°, 54%, 79%
XYZ	32.0365, 25.2248, 13.3056
YIQ	137.5050, 58.9140, 11.6020

# Conversions

## Conversions Part 2

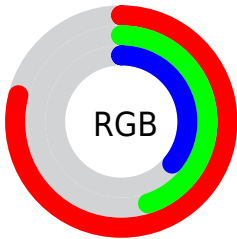
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 120, 92
Decimal	13202012
CIE Lab	57.29, 32.05, 27.12
CIE LCh	57, 41.982, 40.242
Yxy	25.2248, 0.4540, 0.3575
Android (android.graphics.Color)	4291392092 (0xFFC9725C)
YUV	137.5050, -22.4340, 55.6851
Hunter-Lab	50.2243, 25.9668, 19.4497

# Details

The Hex color **C9725C** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5CB3C9**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA78F**, and **8F402E** is the 20% darker color. If you saturate the color by 10%, you get **C96248**, and if you desaturate by 10%, it is **C98270**.

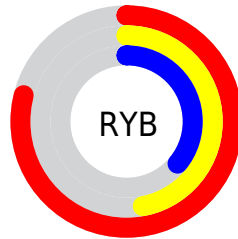
# Distribution



Red (79%)

Green (45%)

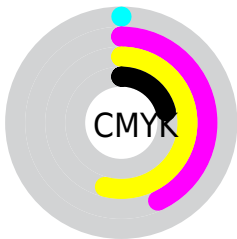
Blue (36%)



Red (79%)

Yellow (47%)

Blue (36%)

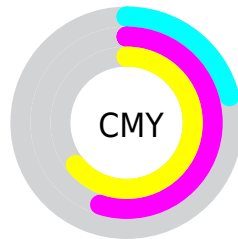


Cyan (0%)

Magenta (43%)

Yellow (54%)

Black (21%)



Cyan (21%)

Magenta (55%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9725C 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 C9725C by changing the saturation by 10% instead.



 C9725C

 C9725C

FFFFFF

 AC5944

 FFA78F

 8F402E

 FFC3A9

 732818

 FFDFC4

 570E00

 FFFCE0

 3C0000

FFFFFFD

 220001

 000000

 C9725C

 C9725C

 C96248

 C98270

 C95234

 C99284

 C94220

 C9A298

 C9320C

 C9B2AC

 C92900

 C9C2C1

 C9D2D5

 C9E2E9

 C9F2FD

 C9FFFF

# Harmonies

## Analogous

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



CF6B7E



C9725C



B47F44

# Triad

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



C9725C



369B70



6389D2

# Complementary

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



C9725C



5CB3C9

# 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.



0094CE



C9725C



009C95

# Square

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



C9725C



6C9550



009AB8



9D7BC2

# Rectangle

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



C9725C



9F883E



009AB8



498DD3

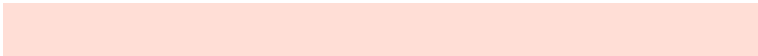


# Sweetspot

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



C9725C



FFDED6



C95CB3



806C67



000000



808080



# Same Dimension

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



C9725C



FF7B59



C9A85C



635C5A



A32100



240700



# Inverse Universe

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



5CB3C9



59DEFF



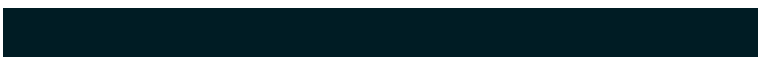
5C7DC9



5A6163



0082A3



001C24



# Previews

## White Background



This preview shows how the Hex color C9725C looks on a white background.

## Color Contrast Check

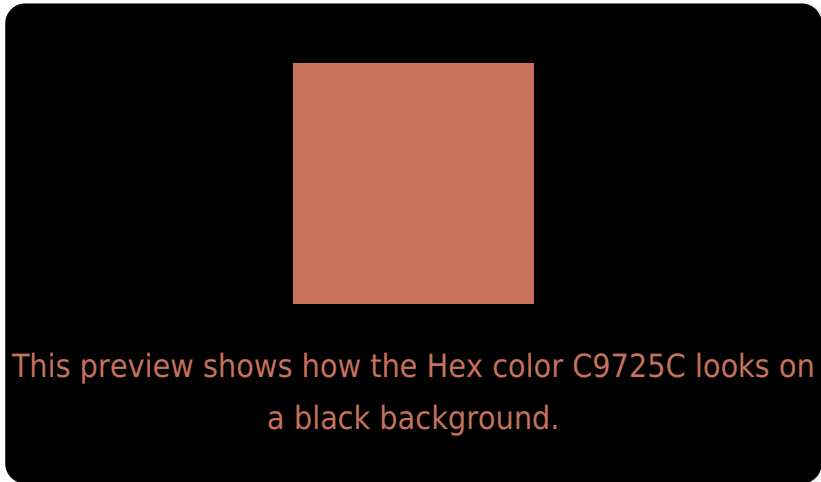
Large Text (above 18pt) WCAG AA ✓ Pass

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

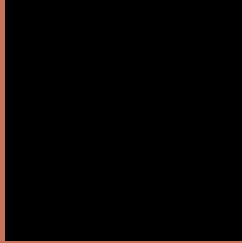
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C9725C Background



This preview shows how black text looks on a background with the Hex color C9725C.



This preview shows how white text looks on a background with the Hex color C9725C.

# 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**  
C9725C

**Protanopia**  
948A66

**Deuteranopia**  
A68459



**Tritanopia**  
CB6E76

# Trichromacy



**Original Color**  
C9725C

**Protanomaly**  
A78162

**Deuteranomaly**  
B37D5A

**Tritanomaly**  
CA6F6D

# Monochromacy



**Original Color**  
C9725C

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
A18179

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9725C 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 #C9725C looks like.

```
.text, #text, p{  
    color:#C9725C  
}
```

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 #C9725C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9725C
}
```

## Border

The CSS property to change the border of an element to Hex C9725C 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
#C9725C }
```

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

```
.border{ border-color:#C9725C }
```

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

Here you see how a box with a 4 pixel #C9725C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9725C; -webkit-box-shadow:4px 4px  
4px 4px #C9725C; box-shadow:4px 4px 4px  
4px #C9725C }
```

# Background

The CSS property to change the background color of an element to Hex C9725C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9725C }
```

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

```
.background{ background-color:#C9725C }
```

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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