

# Converting Colors

Hex(C9713B)

Have a look what the booklet for  
Hex(C9713B) contains.

<b>Hex(C9713B)</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(C9713B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9713B
RGB	201, 113, 59
RGB Percent	79%, 44%, 23%
CMY	0.2118, 0.5569, 0.7686
CMYK	0.00, 0.44, 0.71, 0.21
HSL	23°, 57%, 51%
HSV	23°, 71%, 79%
XYZ	30.7819, 24.5435, 7.2527
YIQ	133.1560, 69.7820, 1.8620

# Conversions

## Conversions Part 2

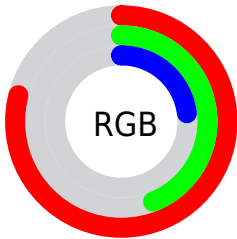
Format	Color
R <sub>YB</sub>	201, 146, 59
Decimal	13201723
CIE <sub>Lab</sub>	56.63, 30.31, 44.15
CIE <sub>LCh</sub>	57, 53.553, 55.525
Yxy	24.5435, 0.4919, 0.3922
Android (android.graphics.Color)	4291391803 (0xFFC9713B)
YUV	133.1560, -36.5589, 59.4992
Hunter-Lab	49.5414, 24.2112, 25.9992

# Details

The Hex color **C9713B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3B93C9**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA66D**, and **8E3F09** is the 20% darker color. If you saturate the color by 10%, you get **C96527**, and if you desaturate by 10%, it is **C97D4F**.

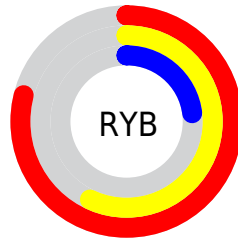
# Distribution



Red (79%)

Green (44%)

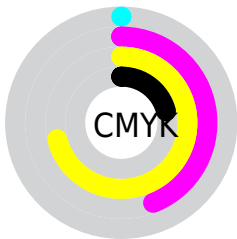
Blue (23%)



Red (79%)

Yellow (57%)

Blue (23%)

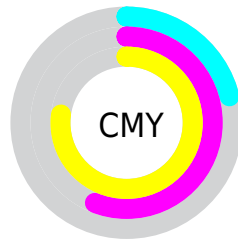


Cyan (0%)

Magenta (44%)

Yellow (71%)

Black (21%)



Cyan (21%)

Magenta (56%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9713B 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 C9713B by changing the saturation by 10% instead.



 C9713B

 C9713B

FFFFFF

 AB5823

 FFA66D

 8E3F09

 FFC187

 712800

 FFDDA1

 540F00

 FFFABD

 380000

 FFFFFD9

 1D0001

 FFFFF5

 000000

 C9713B

 C9713B

 C96527

 C97D4F

 C95813

 C98A63

 C94C00

 C99677

 C9A38B

 C9AFA0

 C9BCB4

 C9C8C8

 C9D5DC

 C9E1F0

# Harmonies

## Analogous

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



DC6162



C9713B



A78323

# Triad

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



C9713B



009E7F



7D7EDC

# Complementary

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



C9713B



3B93C9

# 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.



008FE5



C9713B



009EAF

# Square

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



C9713B



3B9A50



009AD4



BA6BBD

# Rectangle

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



C9713B



8A8D25



009AD4



5E85E2

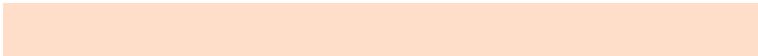


# Sweetspot

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



C9713B



FFDEC9



C93B95



806C60



000000



808080



# Same Dimension

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



C9713B



FF7926



C9B63B



635D5A



A33E00



240E00



# Inverse Universe

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



3B93C9



26ADFF



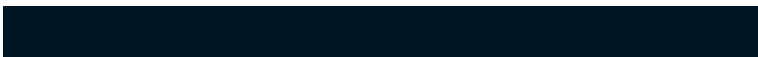
3B4EC9



5A6063



0065A3

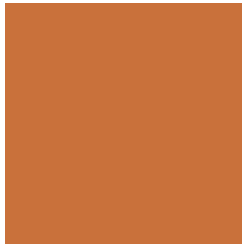


001624



# Previews

## White Background



This preview shows how the Hex color C9713B looks on a white background.

## Color Contrast Check

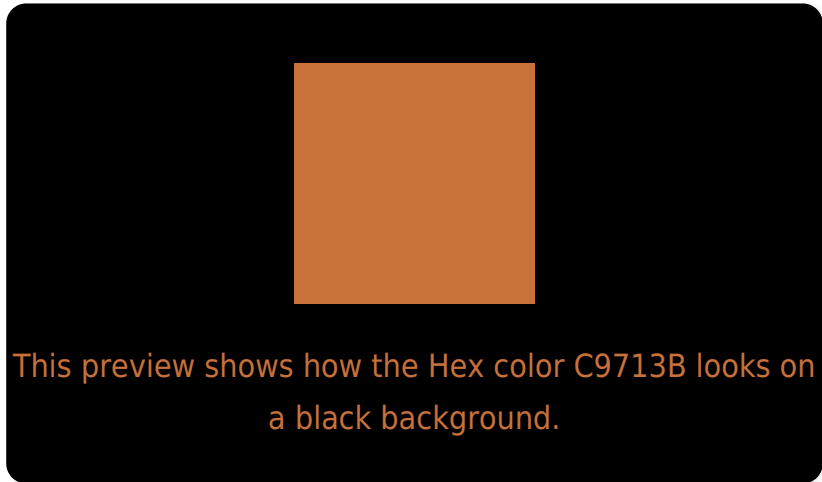
Large Text (above 18pt) WCAG AA ✓ Pass

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

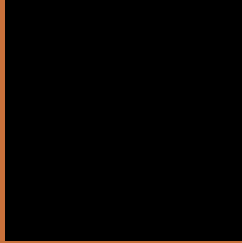
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C9713B Background



This preview shows how black text looks on a background with the Hex color C9713B.



This preview shows how white text looks on a background with the Hex color C9713B.

# 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



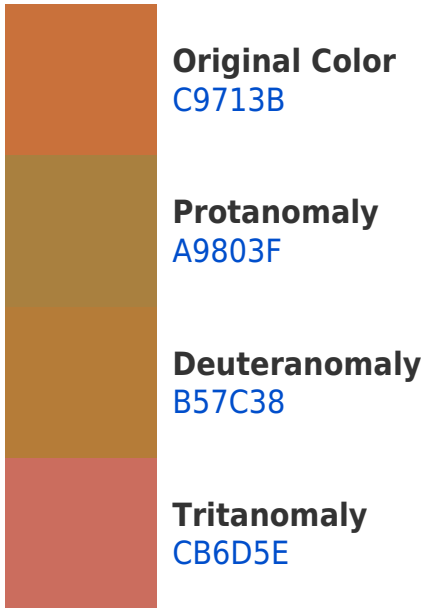
**Original Color**  
C9713B

**Protanopia**  
978842

**Deuteranopia**  
AA8237



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9713B 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 #C9713B looks like.

```
.text, #text, p{  
    color:#C9713B  
}
```

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 #C9713B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9713B
}
```

## Border

The CSS property to change the border of an element to Hex C9713B 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
#C9713B }
```

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

```
.border{ border-color:#C9713B }
```

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

Here you see how a box with a 4 pixel #C9713B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9713B; -webkit-box-shadow:4px 4px  
4px 4px #C9713B; box-shadow:4px 4px 4px  
4px #C9713B }
```

# Background

The CSS property to change the background color of an element to Hex C9713B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9713B }
```

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

```
.background{ background-color:#C9713B }
```

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