

# Converting Colors

Hex(CC793B)

Have a look what the booklet for  
Hex(CC793B) contains.

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**Color**

**Hex(CC793B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC793B
RGB	204, 121, 59
RGB Percent	80%, 47%, 23%
CMY	0.2000, 0.5255, 0.7686
CMYK	0.00, 0.41, 0.71, 0.20
HSL	26°, 59%, 52%
HSV	26°, 71%, 80%
XYZ	32.5286, 26.8279, 7.6015
YIQ	138.7490, 69.3700, -1.6860

# Conversions

## Conversions Part 2

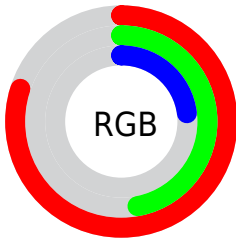
Format	Color
<a href="#">RYB</a>	<a href="#">204, 167, 59</a>
Decimal	<a href="#">13400379</a>
CIELab	<a href="#">58.81, 27.26, 46.64</a>
CIElCh	<a href="#">59, 54.022, 59.691</a>
Yxy	<a href="#">26.8279, 0.4858, 0.4007</a>
Android (android.graphics.Color)	<a href="#">4291590459</a> ( <a href="#">0xFFCC793B</a> )
YUV	<a href="#">138.7490, -39.3163, 57.2251</a>
Hunter-Lab	<a href="#">51.7956, 21.4590, 27.5555</a>

# Details

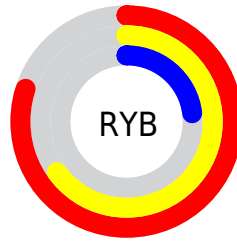
The Hex color **CC793B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3B8ECC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFAE6D**, and **914707** is the 20% darker color. If you saturate the color by 10%, you get **CC6D27**, and if you desaturate by 10%, it is **CC854F**.

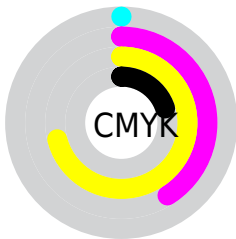
# Distribution



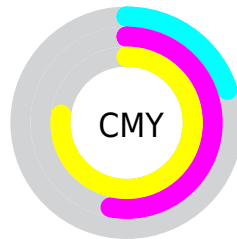
- Red (80%)
- Green (47%)
- Blue (23%)



- Red (80%)
- Yellow (65%)
- Blue (23%)



- Cyan (0%)
- Magenta (41%)
- Yellow (71%)
- Black (20%)



- Cyan (20%)
- Magenta (53%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC793B 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 CC793B by changing the saturation by 10% instead.



 CC793B

 CC793B

FFFFFF

 AE6022

 FFAE6D

 914707

 FFCA87

 743000

 FFE6A2

 571900

 FFFFBD

 3C0200

 FFFFDA

 240001

 FFFFF6

 000000

 CC793B

 CC793B

 CC6D27

 CC854F

 CC6212

 CC9064

 CC5700

 CC9C78

 CCA88D

 CCB3A1

 CCBFB5

 CCCBCA

 CCD6DE

 CCE2F3

# Harmonies

## Analogous

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



E26861



CC793B



A78B27

# Triad

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



CC793B



00A48B



8D81E0

# Complementary

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



CC793B



3B8ECC

# 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.



0093EC



CC793B



00A4BB

# Square

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



CC793B



33A15B



009EDF



C66DBE

# Rectangle

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



CC793B



89952D



009EDF



7288E7



# Sweetspot

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



CC793B



FFE0C9



CC3B90



806D60



000000



808080



# Same Dimension

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



CC793B



FF8326



CCC03B



66605C



A64700



261000



# Inverse Universe

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



3B8ECC



26A2FF



3B47CC



5C6266



005FA6



001626



# Previews

## White Background



This preview shows how the Hex color CC793B looks on a white background.

## Color Contrast Check

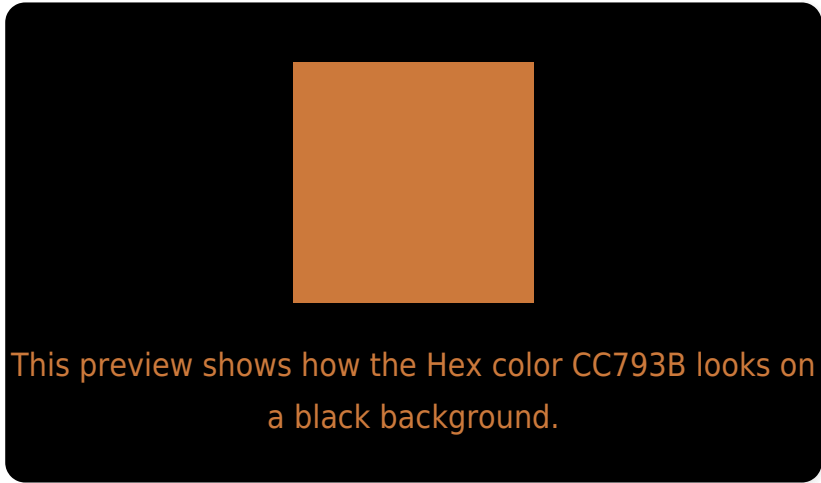
Large Text (above 18pt) WCAG AA ✓ Pass

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

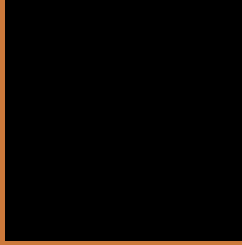
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC793B Background



This preview shows how black text looks on a background with the Hex color CC793B.



This preview shows how white text looks on a background with the Hex color CC793B.

# 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**  
CC793B

**Protanopia**  
9D8E41

**Deuteranopia**  
B18737



**Tritanopia**  
D0727A

# Trichromacy



**Original Color**  
CC793B

**Protanomaly**  
AE863F

**Deuteranomaly**  
BB8238

**Tritanomaly**  
CF7563

# Monochromacy



**Original Color**  
CC793B

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
A3846E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC793B 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 #CC793B looks like.

```
.text, #text, p{  
    color:#CC793B  
}
```

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 #CC793B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC793B
}
```

## Border

The CSS property to change the border of an element to Hex CC793B 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
#CC793B }
```

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

```
.border{ border-color:#CC793B }
```

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

Here you see how a box with a 4 pixel #CC793B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC793B; -webkit-box-shadow:4px 4px  
4px 4px #CC793B; box-shadow:4px 4px 4px  
4px #CC793B }
```

# Background

The CSS property to change the background color of an element to Hex CC793B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC793B }
```

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

```
.background{ background-color:#CC793B }
```

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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