

# Converting Colors

Hex(C2693B)

Have a look what the booklet for  
Hex(C2693B) contains.

<b>Hex(C2693B)</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(C2693B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2693B
RGB	194, 105, 59
RGB Percent	76%, 41%, 23%
CMY	0.2392, 0.5882, 0.7686
CMYK	0.00, 0.46, 0.70, 0.24
HSL	20°, 53%, 50%
HSV	20°, 70%, 76%
XYZ	28.0891, 21.8883, 6.8821
YIQ	126.3670, 67.8100, 4.5620

# Conversions

## Conversions Part 2

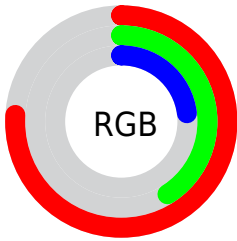
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 129, 59
Decimal	12740923
CIELab	53.91, 31.72, 40.86
CIElCh	54, 51.728, 52.183
Yxy	21.8883, 0.4940, 0.3850
Android (android.graphics.Color)	4290931003 (0xFFC2693B)
YUV	126.3670, -33.2119, 59.3141
Hunter-Lab	46.7849, 25.2959, 24.0278

# Details

The Hex color **C2693B** 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 **3B94C2**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9D6C**, and **87380B** is the 20% darker color. If you saturate the color by 10%, you get **C25C28**, and if you desaturate by 10%, it is **C2764E**.

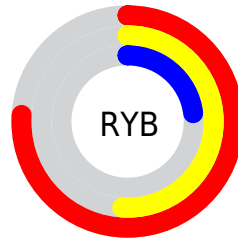
# Distribution



Red (76%)

Green (41%)

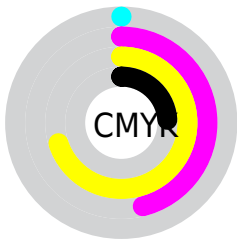
Blue (23%)



Red (76%)

Yellow (51%)

Blue (23%)

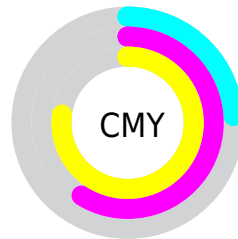


Cyan (0%)

Magenta (46%)

Yellow (70%)

Black (24%)



Cyan (24%)

Magenta (59%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2693B 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 C2693B by changing the saturation by 10% instead.



 C2693B

 C2693B

FFFFFF

 A45023

 FF9D6C

 87380B

 FFB986

 6B2000

 FFD5A0

 4E0500

 FFF1BC

 330000

 FFFFFD8

 0E0000

 FFFFF4

 000000

 C2693B

 C2693B

 C25C28

 C2764E

 C24F14

 C28362

 C24301

 C28F75

 C24200

 C29C89

 C2A99C

 C2B6AF

 C2C3C3

 C2CFD6

 C2DCEA

# Harmonies

## Analogous

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



D25A62



C2693B



A27B22

# Triad

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



C2693B



009673



6D7AD4

# Complementary

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



C2693B



3B94C2

# 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.



0089D9



C2693B



0096A1

# Square

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



C2693B



409147



0093C7



AC67B8

# Rectangle

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



C2693B



878421



0093C7



4D80D8



# Sweetspot

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



C2693B



FCD9C7



C23B95



806A60



000000



808080



# Same Dimension

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



C2693B



FC7128



C2AC3B



615B57



A13700



210B00



# Inverse Universe

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



3B94C2



28B4FC



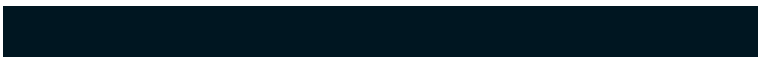
3B52C2



575E61



006AA1

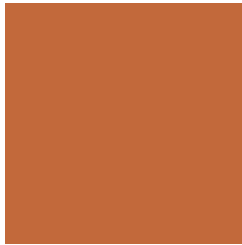


001621



# Previews

## White Background



This preview shows how the Hex color C2693B looks on a white background.

## Color Contrast Check

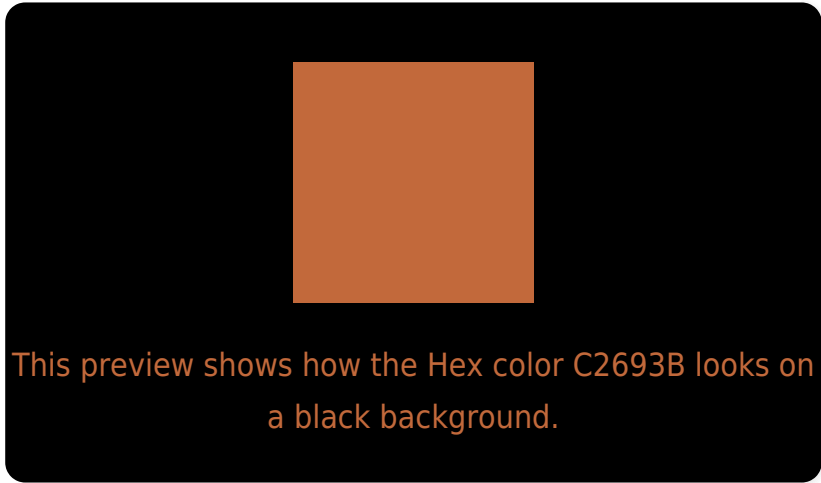
Large Text (above 18pt) WCAG AA ✓ Pass

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 C2693B Background



This preview shows how black text looks on a background with the Hex color C2693B.




This preview shows how white text looks on a background with the Hex color C2693B.

# 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](#).

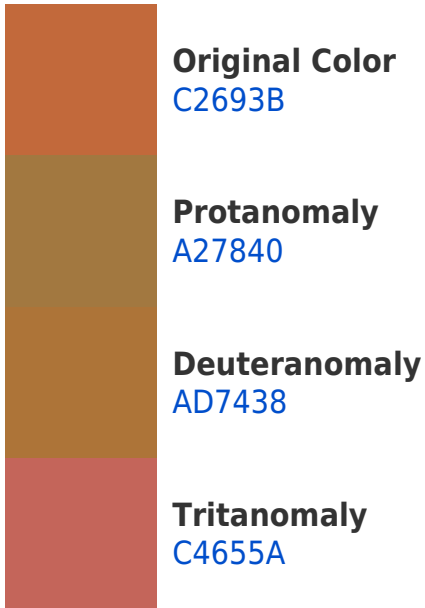
## Dichromacy





**Tritanopia**  
C5636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2693B 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 #C2693B looks like.

```
.text, #text, p{  
    color:#C2693B  
}
```

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 #C2693B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2693B
}
```

## Border

The CSS property to change the border of an element to Hex C2693B 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
#C2693B }
```

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

```
.border{ border-color:#C2693B }
```

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

Here you see how a box with a 4 pixel #C2693B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2693B; -webkit-box-shadow:4px 4px  
4px 4px #C2693B; box-shadow:4px 4px 4px  
4px #C2693B }
```

# Background

The CSS property to change the background color of an element to Hex C2693B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2693B }
```

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

```
.background{ background-color:#C2693B }
```

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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