

# Converting Colors

Hex(C7523B)

Have a look what the booklet for  
Hex(C7523B) contains.

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**Color**

**Hex(C7523B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7523B
RGB	199, 82, 59
RGB Percent	78%, 32%, 23%
CMY	0.2196, 0.6784, 0.7686
CMYK	0.00, 0.59, 0.70, 0.22
HSL	10°, 56%, 51%
HSV	10°, 70%, 78%
XYZ	27.3599, 18.4925, 6.2650
YIQ	114.3610, 77.1150, 17.6510

# Conversions

## Conversions Part 2

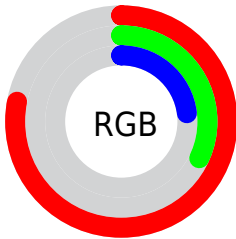
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 87, 59
Decimal	13062715
CIE <sub>Lab</sub>	50.09, 45.28, 36.73
CIE <sub>LCh</sub>	50, 58.303, 39.053
Yxy	18.4925, 0.5250, 0.3548
Android (android.graphics.Color)	4291252795 (0xFFC7523B)
YUV	114.3610, -27.2930, 74.2284
Hunter-Lab	43.0029, 38.3128, 21.4641

# Details

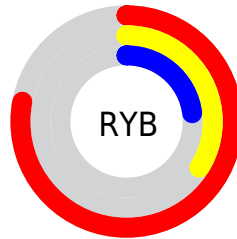
The Hex color **C7523B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **3BB0C7**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF876B**, and **8A1B0E** is the 20% darker color. If you saturate the color by 10%, you get **C74127**, and if you desaturate by 10%, it is **C7634F**.

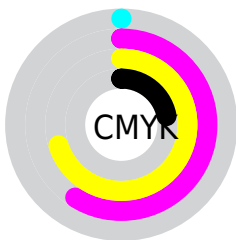
# Distribution



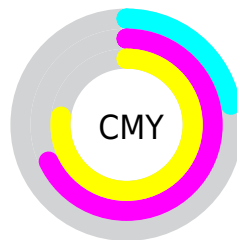
- Red (78%)
- Green (32%)
- Blue (23%)



- Red (78%)
- Yellow (34%)
- Blue (23%)



- Cyan (0%)
- Magenta (59%)
- Yellow (70%)
- Black (22%)



- Cyan (22%)
- Magenta (68%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7523B 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 C7523B by changing the saturation by 10% instead.



 C7523B

 C7523B

FFFFFF

 A93824

 FF876B

 8A1B0E

 FFA285

 6D0000

 FFBE9F

 4F0000

 FFDBBA

 360002

 FFF8D6

 070000

 FFFFF3

 000000

 C7523B

 C7523B

 C74127

 C7634F

 C73113

 C77363

 C72100

 C78477

 C7958B

 C7A59F

 C7B6B2

 C7C6C6

 C7D7DA

 C7E8EE

# Harmonies

## Analogous

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



CF446A



C7523B



AB680F

# Triad

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



C7523B



008C52



0078DA

# Complementary

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



C7523B



3BB0C7

# 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.



0086D4



C7523B



008E85

# Square

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



C7523B



4B8521



008DB5



8C63C5

# Rectangle

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



C7523B



907400



008DB5



007EDB



# Sweetspot

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



C7523B



FFD2C9



C73BB2



806560



000000



808080



# Same Dimension

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



C7523B



FF4C29



C7963B



635B5A



A31B00



240600

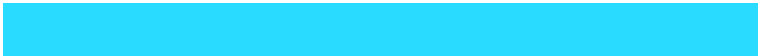


# Inverse Universe

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



3BB0C7



29DCFF



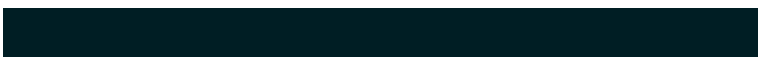
3B6CC7



5A6263



0088A3

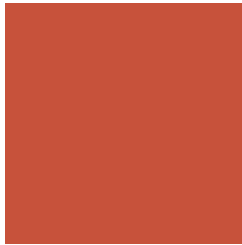


001E24



# Previews

## White Background



This preview shows how the Hex color C7523B looks on a white background.

## Color Contrast Check

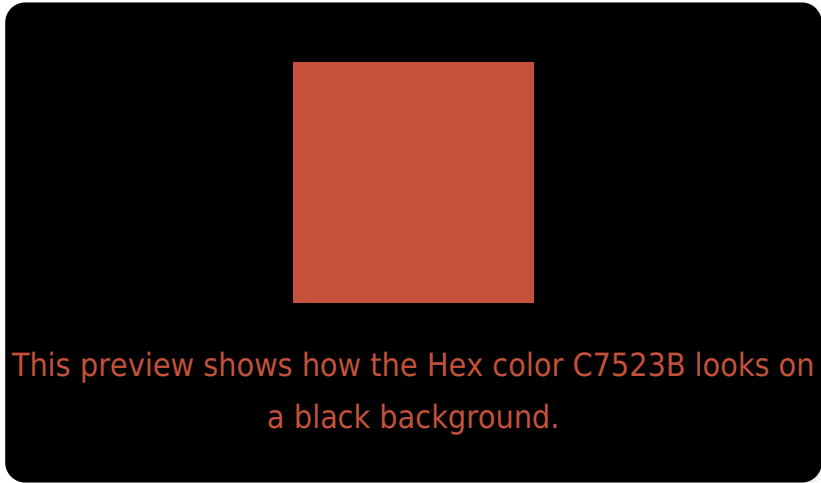
Large Text (above 18pt) WCAG AA ✓ Pass

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

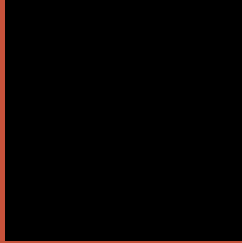
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C7523B Background



This preview shows how black text looks on a background with the Hex color C7523B.



This preview shows how white text looks on a background with the Hex color C7523B.

# 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](#).

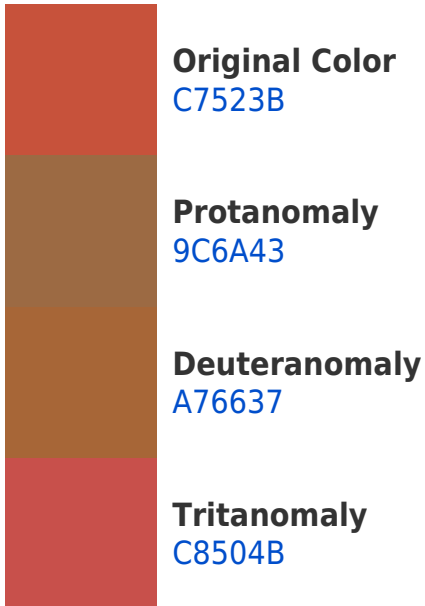
## Dichromacy





**Tritanopia**  
C84F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7523B 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 #C7523B looks like.

```
.text, #text, p{  
    color:#C7523B  
}
```

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 #C7523B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7523B
}
```

## Border

The CSS property to change the border of an element to Hex C7523B 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".

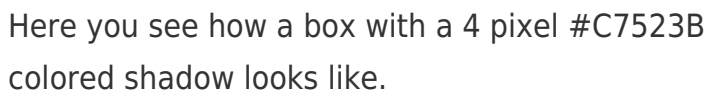
```
.border, #border, table{ border:4px solid
#C7523B }
```

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

```
.border{ border-color:#C7523B }
```

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

Here you see how a box with a 4 pixel #C7523B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7523B; -webkit-box-shadow:4px 4px  
4px 4px #C7523B; box-shadow:4px 4px 4px  
4px #C7523B }
```

# Background

The CSS property to change the background color of an element to Hex C7523B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7523B }
```

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

```
.background{ background-color:#C7523B }
```

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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