

# Converting Colors

Hex(B7523C)

Have a look what the booklet for  
Hex(B7523C) contains.

|  |    |
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**Color**

**Hex(B7523C)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | B7523C                     |
| RGB         | 183, 82, 60                |
| RGB Percent | 72%, 32%, 24%              |
| CMY         | 0.2824, 0.6784, 0.7647     |
| CMYK        | 0.00, 0.55, 0.67, 0.28     |
| HSL         | 11°, 51%, 48%              |
| HSV         | 11°, 67%, 72%              |
| XYZ         | 23.3613, 16.4281, 6.2146   |
| YIQ         | 109.6910, 67.2580, 14.5700 |

# Conversions

## Conversions Part 2

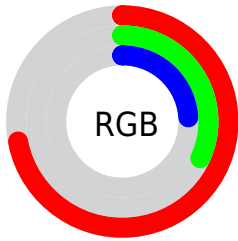
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 183, 87, 60                    |
| Decimal                             | 12014140                       |
| CIE Lab                             | 47.53, 39.36, 32.53            |
| CIE LCh                             | 48, 51.064, 39.575             |
| Yxy                                 | 16.4281, 0.5078,<br>0.3571     |
| Android<br>(android.graphics.Color) | 4290204220<br>(0xFFB7523C)     |
| YUV                                 | 109.6910, -24.4977,<br>64.2920 |
| Hunter-Lab                          | 40.5316, 31.9524,<br>19.2813   |

# Details

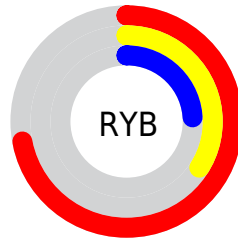
The Hex color **B7523C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3CA1B7**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F4866C**, and **7C1F10** is the 20% darker color. If you saturate the color by 10%, you get **B7432A**, and if you desaturate by 10%, it is **B7614E**.

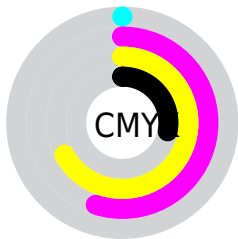
# Distribution



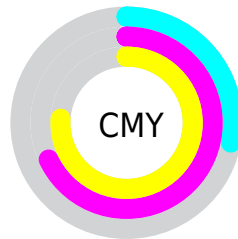
- Red (72%)
- Green (32%)
- Blue (24%)



- Red (72%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (67%)
- Black (28%)



- Cyan (28%)
- Magenta (68%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7523C 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 B7523C by changing the saturation by 10% instead.



 B7523C

 B7523C

FFFFFF

 993926

 F4866C

 7C1F10

 FFA186

 600000

 FFBDA0

 430000

 FFD9BB

 2A0001

 FFF6D7

 000000

 FFFFF3

 B7523C

 B7523C

 B7432A

 B7614E

 B73417

 B77061

 B72505

 B77F73

 B72100

 B78E85

 B79D98

 B7ACAA

 B7BBBC

 B7CACE

 B7D9E1

# Harmonies

## Analogous

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



BE4765



B7523C



9E641B

# Triad

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



B7523C



008351



2B71C6

# Complementary

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



B7523C



3CA1B7

# 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.



007DC1



B7523C



00857E

# Square

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



B7523C



4B7D29



0084A7



845FB3

# Rectangle

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



B7523C



876E0D



0084A7



0076C7



# Sweetspot

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



B7523C



EDC6BE



B73CA2



78605B



F7F7F7



787878



# Same Dimension

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



B7523C



ED4F2D



B78E3C



5C5453



9C1C00



1C0500



# Inverse Universe

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



3CA1B7



2DCBED



3C65B7



535A5C



00809C



00171C



# Previews

## White Background



This preview shows how the Hex color B7523C looks on a white background.

## Color Contrast Check

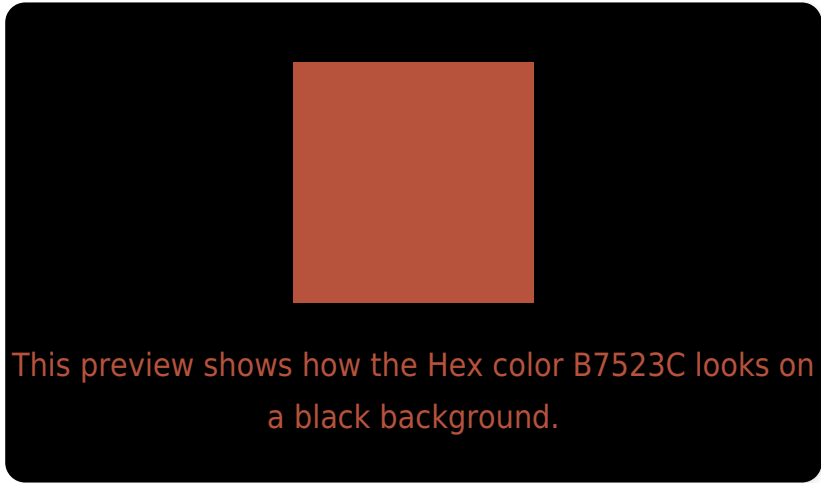
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex B7523C Background



This preview shows how black text looks on a background with the Hex color B7523C.



This preview shows how white text looks on a background with the Hex color B7523C.

# 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**  
B7523C

**Protanopia**  
7C7147

**Deuteranopia**  
8C6C37



**Tritanopia**  
B84F54

# Trichromacy



**Original Color**  
B7523C

**Protanomaly**  
916643

**Deuteranomaly**  
9C6339

**Tritanomaly**  
B8504B

# Monochromacy



**Original Color**  
B7523C

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
89645C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7523C 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 #B7523C looks like.

```
.text, #text, p{  
    color:#B7523C  
}
```

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 #B7523C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7523C
}
```

## Border

The CSS property to change the border of an element to Hex B7523C is called "border". The border property can be set on classes, ids or directly on the HTML element.

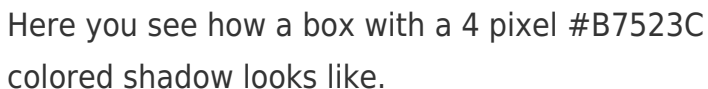
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7523C }
```

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

```
.border{ border-color:#B7523C }
```

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



Here you see how a box with a 4 pixel #B7523C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7523C; -webkit-box-shadow:4px 4px  
4px 4px #B7523C; box-shadow:4px 4px 4px  
4px #B7523C }
```

# Background

The CSS property to change the background color of an element to Hex B7523C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7523C }
```

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

```
.background{ background-color:#B7523C }
```

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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