

# Converting Colors

Hex(B5623B)

Have a look what the booklet for  
Hex(B5623B) contains.

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**Color**

**Hex(B5623B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5623B
RGB	181, 98, 59
RGB Percent	71%, 38%, 23%
CMY	0.2902, 0.6157, 0.7686
CMYK	0.00, 0.46, 0.67, 0.29
HSL	19°, 51%, 47%
HSV	19°, 67%, 71%
XYZ	24.2132, 18.8749, 6.5047
YIQ	118.3710, 61.9870, 5.4670

# Conversions

## Conversions Part 2

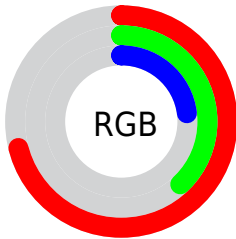
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 116, 59
Decimal	11887163
CIE <sub>Lab</sub>	50.54, 30.15, 36.54
CIE <sub>LCh</sub>	51, 47.373, 50.474
Yxy	18.8749, 0.4882, 0.3806
Android (android.graphics.Color)	4290077243 (0xFFB5623B)
YUV	118.3710, -29.2699, 54.9256
Hunter-Lab	43.4452, 23.4535, 21.5346

# Details

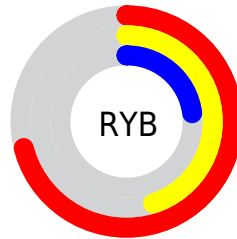
The Hex color **B5623B** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3B8EB5**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F1966C**, and **7B310D** is the 20% darker color. If you saturate the color by 10%, you get **B55629**, and if you desaturate by 10%, it is **B56E4D**.

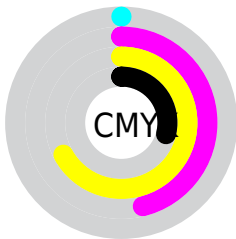
# Distribution



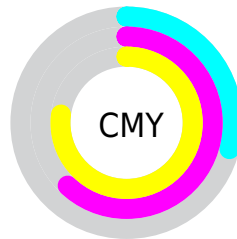
- Red (71%)
- Green (38%)
- Blue (23%)



- Red (71%)
- Yellow (45%)
- Blue (23%)



- Cyan (0%)
- Magenta (46%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (62%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5623B 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 B5623B by changing the saturation by 10% instead.



 B5623B

 B5623B

FFFFFF

 984924

 F1966C

 7B310D

 FFB185

 5F1900

 FFCDA0

 430100

 FFE9BB

 2C0001

 FFFFD7

 000000

 FFFFF3

 B5623B

 B5623B

 B55629

 B56E4D

 B54917

 B57B5F

 B53D05

 B58771

 B53A00

 B59383

 B5A096

 B5ACA8

 B5B8BA

 B5C5CC

 B5D1DE

# Harmonies

## Analogous

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



C2555E



B5623B



997224

# Triad

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



B5623B



008B6A



6373C4

# Complementary

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



B5623B



3B8EB5

# 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.



0081C8



B5623B



008C93

# Square

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



B5623B



428742



0089B6



9D62AC

# Rectangle

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



B5623B



817B22



0089B6



4578C8



# Sweetspot

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



B5623B



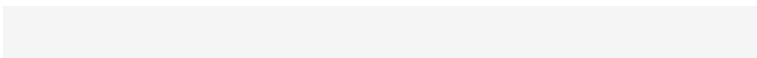
EBCBBC



B53B8E



756259



F5F5F5



757575



# Same Dimension

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



B5623B



EB692D



B59F3B



595350



993100



1A0800



# Inverse Universe

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



3B8EB5



2DAEEB



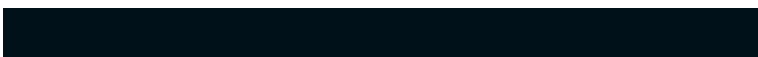
3B51B5



505659



006899



00111A



# Previews

## White Background



This preview shows how the Hex color B5623B looks on a white background.

## Color Contrast Check

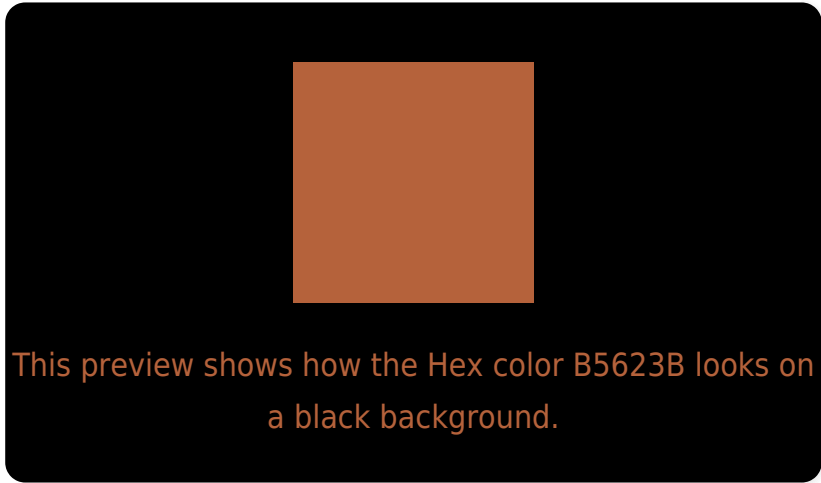
Large Text (above 18pt) WCAG AA ✓ Pass

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

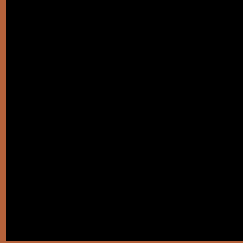
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B5623B Background



This preview shows how black text looks on a background with the Hex color B5623B.



This preview shows how white text looks on a background with the Hex color B5623B.

# 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**  
B5623B

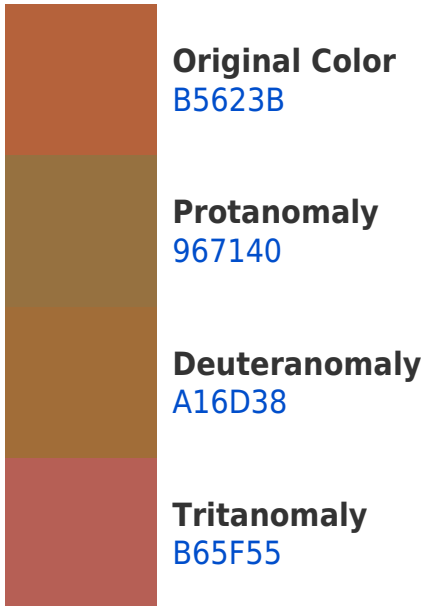
**Protanopia**  
857943

**Deuteranopia**  
957337



**Tritanopia**  
B75D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5623B 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 #B5623B looks like.

```
.text, #text, p{  
    color:#B5623B  
}
```

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 #B5623B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5623B
}
```

## Border

The CSS property to change the border of an element to Hex B5623B 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
#B5623B }
```

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

```
.border{ border-color:#B5623B }
```

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

Here you see how a box with a 4 pixel #B5623B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5623B; -webkit-box-shadow:4px 4px  
4px 4px #B5623B; box-shadow:4px 4px 4px  
4px #B5623B }
```

# Background

The CSS property to change the background color of an element to Hex B5623B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5623B }
```

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

```
.background{ background-color:#B5623B }
```

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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