

# Converting Colors

Hex(C53B4C)

Have a look what the booklet for  
Hex(C53B4C) contains.

<b>Hex(C53B4C)</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(C53B4C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C53B4C
RGB	197, 59, 76
RGB Percent	77%, 23%, 30%
CMY	0.2275, 0.7686, 0.7020
CMYK	0.00, 0.70, 0.61, 0.23
HSL	353°, 54%, 50%
HSV	353°, 70%, 77%
XYZ	25.8944, 15.5200, 8.4684
YIQ	102.2000, 76.7910, 34.5430

# Conversions

## Conversions Part 2

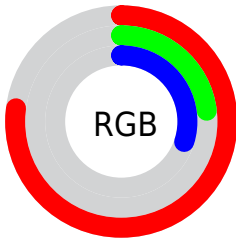
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 59, 76
Decimal	12925772
CIELab	46.34, 55.44, 22.11
CIElCh	46, 59.681, 21.744
Yxy	15.5200, 0.5191, 0.3111
Android (android.graphics.Color)	4291115852 (0xFFC53B4C)
YUV	102.2000, -12.9166, 83.1396
Hunter-Lab	39.3955, 48.3849, 14.8320

# Details

The Hex color **C53B4C** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **3BC5B4**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF737D**, and **890020** is the 20% darker color. If you saturate the color by 10%, you get **C5273B**, and if you desaturate by 10%, it is **C54F5D**.

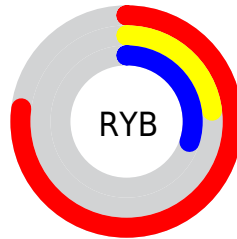
# Distribution



Red (77%)

Green (23%)

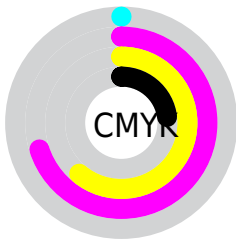
Blue (30%)



Red (77%)

Yellow (23%)

Blue (30%)

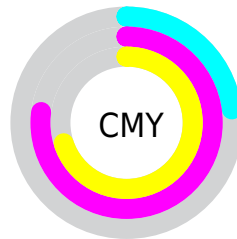


Cyan (0%)

Magenta (70%)

Yellow (61%)

Black (23%)



Cyan (23%)

Magenta (77%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C53B4C 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 C53B4C by changing the saturation by 10% instead.



 C53B4C

 C53B4C

FFFFFF

 A71A35

 FF737D

 890020

 FF8F97

 6B000B

 FFABB1

 4E0000

 FFC8CD

 320002

 FFE5E9

 000000

 C53B4C

 C53B4C

 C5273B

 C54F5D

 C51429

 C5626F

 C50018

 C57680

 C58A91

 C59EA2

 C5B1B4

 C5C5C5

 C5D9D6

 C5ECE7

# Harmonies

## Analogous

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



BF397E



C53B4C



B3511D

# Triad

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



C53B4C



137F2A



0078D1

# Complementary

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



C53B4C



3BC5B4

# 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.



0081BC



C53B4C



00835E

# Square

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



C53B4C



627600



008492



4D67CC

# Rectangle

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



C53B4C



9D6000



008492



007CCD



# Sweetspot

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



C53B4C



FFC9D0



B33BC5



806064



000000



808080



# Same Dimension

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



C53B4C



FF2943



C56E3B



635A5B



A30014



240004



# Inverse Universe

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



C53B4C



FF2943



3B92C5



635A5B



A30014

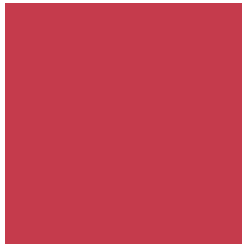


240004



# Previews

## White Background



This preview shows how the Hex color C53B4C looks on a white background.

## Color Contrast Check

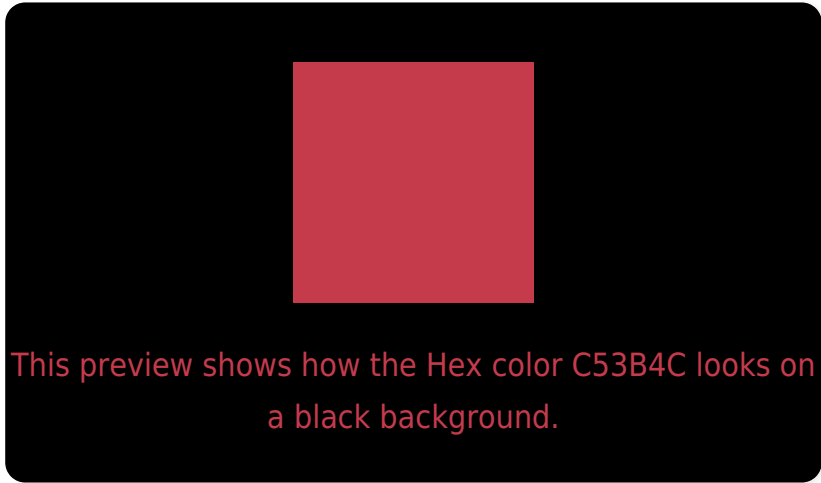
Large Text (above 18pt) WCAG AA ✓ Pass

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 C53B4C Background



This preview shows how black text looks on a background with the Hex color C53B4C.

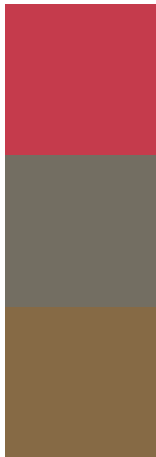


This preview shows how white text looks on a background with the Hex color C53B4C.

# 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**  
C53B4C

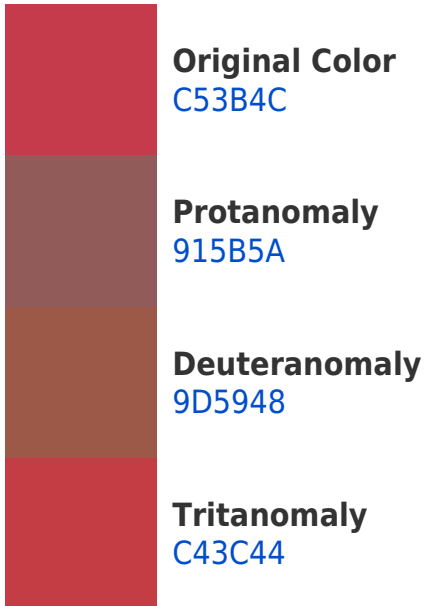
**Protanopia**  
736E62

**Deuteranopia**  
866A45



**Tritanopia**  
C43D40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C53B4C 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 #C53B4C looks like.

```
.text, #text, p{  
    color:#C53B4C  
}
```

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 #C53B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C53B4C
}
```

## Border

The CSS property to change the border of an element to Hex C53B4C 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
#C53B4C }
```

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

```
.border{ border-color:#C53B4C }
```

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

Here you see how a box with a 4 pixel #C53B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C53B4C; -webkit-box-shadow:4px 4px  
4px 4px #C53B4C; box-shadow:4px 4px 4px  
4px #C53B4C }
```

# Background

The CSS property to change the background color of an element to Hex C53B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C53B4C }
```

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

```
.background{ background-color:#C53B4C }
```

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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