

# Converting Colors

Hex(B53F3C)

Have a look what the booklet for  
Hex(B53F3C) contains.

<b>Hex(B53F3C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B53F3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B53F3C
RGB	181, 63, 60
RGB Percent	71%, 25%, 24%
CMY	0.2902, 0.7529, 0.7647
CMYK	0.00, 0.65, 0.67, 0.29
HSL	1°, 50%, 47%
HSV	1°, 67%, 71%
XYZ	21.6492, 13.7050, 5.7793
YIQ	97.9400, 71.2910, 24.0830

# Conversions

## Conversions Part 2

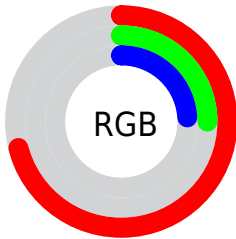
Format	Color
<b>R<sub>YB</sub></b>	181, 63, 60
Decimal	11878204
CIE Lab	43.81, 47.57, 27.95
CIE LCh	44, 55.172, 30.441
Yxy	13.7050, 0.5263, 0.3332
Android (android.graphics.Color)	4290068284 (0xFFB53F3C)
YUV	97.9400, -18.7044, 72.8436
Hunter-Lab	37.0203, 39.5999, 16.6584

# Details

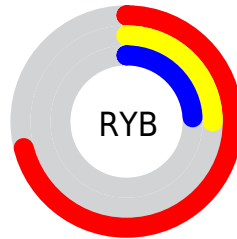
The Hex color **B53F3C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3CB2B5**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **F2746C**, and **790012** is the 20% darker color. If you saturate the color by 10%, you get **B52D2A**, and if you desaturate by 10%, it is **B5514E**.

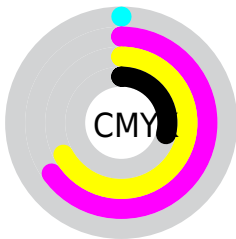
# Distribution



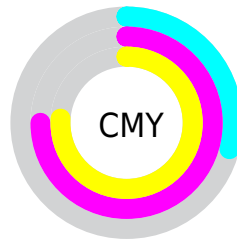
- Red (71%)
- Green (25%)
- Blue (24%)



- Red (71%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (65%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (75%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B53F3C 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 B53F3C by changing the saturation by 10% instead.



 B53F3C

 B53F3C

FFFFFF

 972326

 F2746C

 790012

 FF9085

 5D0000

 FFAB9F

 400000

 FFC7BA

 230001

 FFE4D6

 000000

 FFFFF2

 B53F3C

 B53F3C

 B52D2A

 B5514E

 B51C18

 B56260

 B50A06

 B57472

 B50400

 B58684

 B59797

 B5A9A9

 B5BBBB

 B5CCCD

 B5DEDF

# Harmonies

## Analogous

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



B73669



B53F3C



9F5312

# Triad

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



B53F3C



007937



006DC4

# Complementary

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



B53F3C



3CB2B5

# 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.



0078B7



B53F3C



007C67

# Square

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



B53F3C



4E7206



007C95



665BB7

# Rectangle

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



B53F3C



896000



007C95



0071C2



# Sweetspot

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



B53F3C



EBBDBC



B53CB3



755A59



F5F5F5



757575



# Same Dimension

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



B53F3C



EB342F



B57B3C



595150



990400



1A0100



# Inverse Universe

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



3CB2B5



2FE6EB



3C76B5



505959



009599



00191A



# Previews

## White Background



This preview shows how the Hex color B53F3C looks on a white background.

## Color Contrast Check

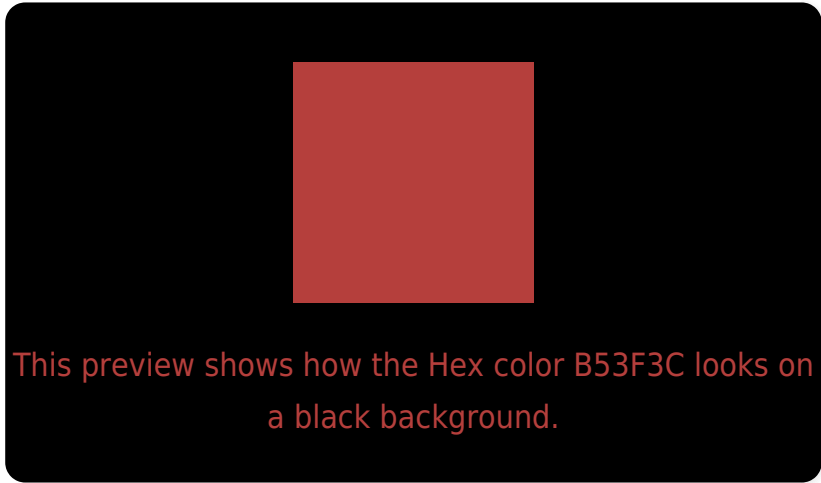
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53F3C Background



This preview shows how black text looks on a background with the Hex color B53F3C.




This preview shows how white text looks on a background with the Hex color B53F3C.

# 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**  
B53E42

# Trichromacy



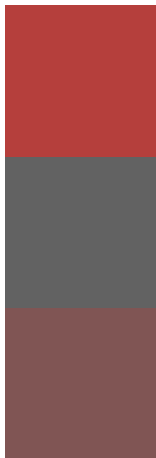
**Original Color**  
B53F3C

**Protanomaly**  
895946

**Deuteranomaly**  
935638

**Tritanomaly**  
B53E40

# Monochromacy



**Original Color**  
B53F3C

**Achromatopsia**  
626262

**Achromatomaly**  
805554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B53F3C 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 #B53F3C looks like.

```
.text, #text, p{  
    color:#B53F3C  
}
```

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 #B53F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53F3C }  
}
```

## Border

The CSS property to change the border of an element to Hex B53F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

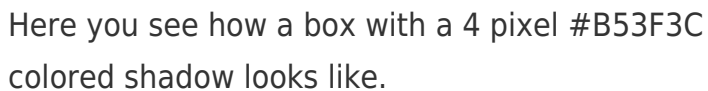
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B53F3C }  
}
```

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

```
.border{ border-color:#B53F3C }
```

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



Here you see how a box with a 4 pixel #B53F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53F3C; -webkit-box-shadow:4px 4px  
4px 4px #B53F3C; box-shadow:4px 4px 4px  
4px #B53F3C }
```

# Background

The CSS property to change the background color of an element to Hex B53F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53F3C }
```

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

```
.background{ background-color:#B53F3C }
```

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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