

# Converting Colors

Hex(B93436)

Have a look what the booklet for  
Hex(B93436) contains.

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**Color**

**Hex(B93436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B93436
RGB	185, 52, 54
RGB Percent	73%, 20%, 21%
CMY	0.2745, 0.7961, 0.7882
CMYK	0.00, 0.72, 0.71, 0.27
HSL	359°, 56%, 46%
HSV	359°, 72%, 73%
XYZ	21.9014, 13.0366, 4.8520
YIQ	91.9950, 78.6260, 28.8180

# Conversions

## Conversions Part 2

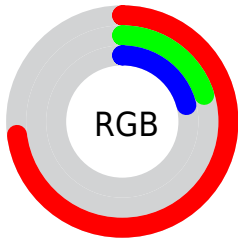
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 52, 54
Decimal	12137526
CIE Lab	42.82, 53.01, 30.50
CIE LCh	43, 61.159, 29.919
Yxy	13.0366, 0.5504, 0.3276
Android (android.graphics.Color)	4290327606 (0xFFB93436)
YUV	91.9950, -18.7315, 81.5654
Hunter-Lab	36.1062, 45.0891, 17.3069

# Details

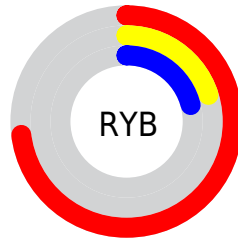
The Hex color **B93436** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **34B9B7**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **F76C65**, and **7C000B** is the 20% darker color. If you saturate the color by 10%, you get **B92224**, and if you desaturate by 10%, it is **B94748**.

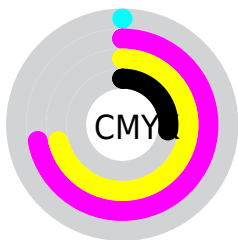
# Distribution



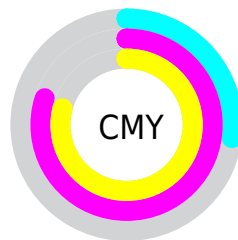
- Red (73%)
- Green (20%)
- Blue (21%)



- Red (73%)
- Yellow (20%)
- Blue (21%)



- Cyan (0%)
- Magenta (72%)
- Yellow (71%)
- Black (27%)



- Cyan (27%)
- Magenta (80%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B93436 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 B93436 by changing the saturation by 10% instead.



 B93436

 B93436

FFFFFF

 9A1220

 F76C65

 7C000B

 FF877E

 5F0000

 FFA398

 420001

 FF8FB3

 240001

 FFDCCE

 000000

 FFF9EB

 B93436

 B93436

 B92224

 B94748

 B90F12

 B9595A

 B90003

 B96C6D

 B97E7F

 B99191

 B9A3A3

 B9B6B6

 B9C8C8

 B9DBDA

# Harmonies

## Analogous

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



BB2867



B93436



A14E00

# Triad

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



B93436



00782E



006CCB

# Complementary

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



B93436



34B9B7

# 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.



0077BD



B93436



007B63

# Square

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



B93436



487000



007B96



5F58BE

# Rectangle

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



B93436



895D00



007B96



0070C9



# Sweetspot

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



B93436



F0BBBC



B734B9



785959



F7F7F7



787878



# Same Dimension

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



B93436



F02225



B97434



5C5353



9C0002



1C0000



# Inverse Universe

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



B93436



F02225



3479B9



5C5353



9C0002



1C0000



# Previews

## White Background



This preview shows how the Hex color B93436 looks on a white background.

## Color Contrast Check

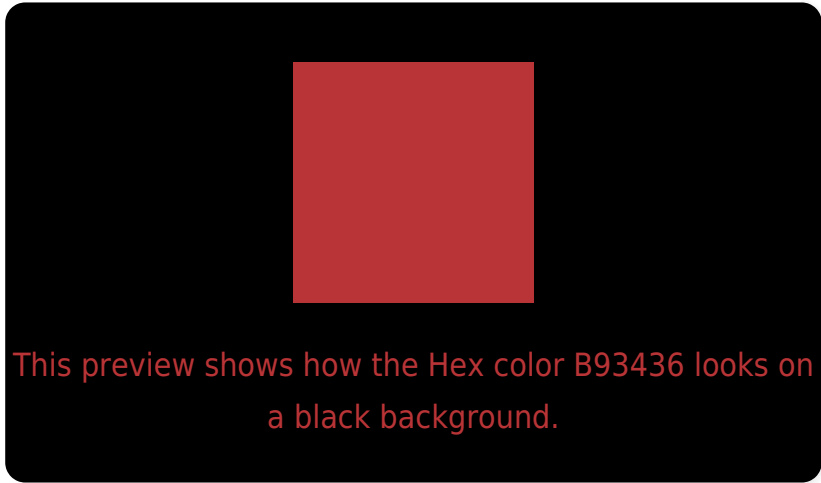
Large Text (above 18pt) WCAG AA ✓ Pass

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 B93436 Background



This preview shows how black text looks on a background with the Hex color B93436.

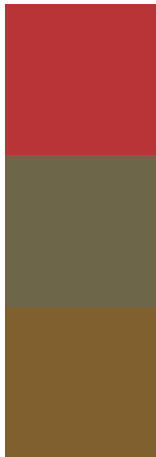


This preview shows how white text looks on a background with the Hex color B93436.

# 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**  
B93436

**Protanopia**  
6E6648

**Deuteranopia**  
7E612E



**Tritanopia**  
B93436

# Trichromacy



**Original Color**  
B93436

**Protanomaly**  
895441

**Deuteranomaly**  
935131

**Tritanomaly**  
B93436

# Monochromacy



**Original Color**  
B93436

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
7E4D4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B93436 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 #B93436 looks like.

```
.text, #text, p{  
    color:#B93436  
}
```

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 #B93436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B93436
}
```

## Border

The CSS property to change the border of an element to Hex B93436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

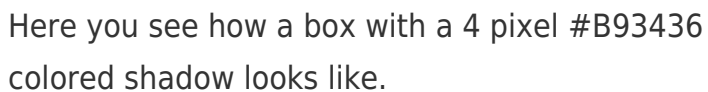
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B93436 }
```

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

```
.border{ border-color:#B93436 }
```

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



Here you see how a box with a 4 pixel #B93436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B93436; -webkit-box-shadow:4px 4px  
4px 4px #B93436; box-shadow:4px 4px 4px  
4px #B93436 }
```

# Background

The CSS property to change the background color of an element to Hex B93436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B93436 }
```

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

```
.background{ background-color:#B93436 }
```

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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