

# Converting Colors

Hex(B93F40)

Have a look what the booklet for  
Hex(B93F40) contains.

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**Color**

**Hex(B93F40)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B93F40
RGB	185, 63, 64
RGB Percent	73%, 25%, 25%
CMY	0.2745, 0.7529, 0.7490
CMYK	0.00, 0.66, 0.65, 0.27
HSL	360°, 49%, 49%
HSV	360°, 66%, 73%
XYZ	22.7105, 14.2395, 6.4020
YIQ	99.5920, 72.3910, 26.1750

# Conversions

## Conversions Part 2

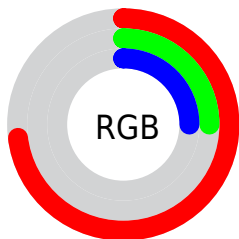
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">185, 63, 64</a>
<a href="#">Decimal</a>	<a href="#">12140352</a>
<a href="#">CIELab</a>	<a href="#">44.57, 49.17, 26.67</a>
<a href="#">CIELCh</a>	<a href="#">45, 55.935, 28.475</a>
<a href="#">Yxy</a>	<a href="#">14.2395, 0.5239, 0.3285</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290330432 (0xFFB93F40)</a>
<a href="#">YUV</a>	<a href="#">99.5920, -17.5469, 74.9028</a>
<a href="#">Hunter-Lab</a>	<a href="#">37.7352, 41.3915, 16.3558</a>

# Details

The Hex color **B93F40** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3FB9B8**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F67570**, and **7D0015** is the 20% darker color. If you saturate the color by 10%, you get **B92D2E**, and if you desaturate by 10%, it is **B95252**.

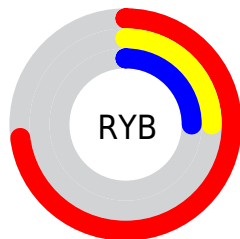
# Distribution



Red (73%)

Green (25%)

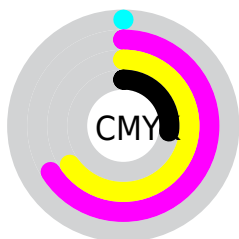
Blue (25%)



Red (73%)

Yellow (25%)

Blue (25%)

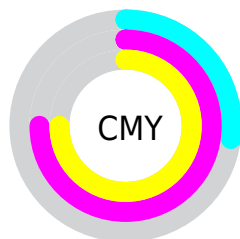


Cyan (0%)

Magenta (66%)

Yellow (65%)

Black (27%)



Cyan (27%)

Magenta (75%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B93F40 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 B93F40 by changing the saturation by 10% instead.



 B93F40

 B93F40

FFFFFF

 9B222A

 F67570

 7D0015

 FF9089

 600000

 FFACA4

 430000

 FFC8BF

 270001

 FFE5DB

 000000

 FFFFF7

 B93F40

 B93F40

 B92D2E

 B95252

 B91A1B

 B96465

 B90809

 B97777

 B90002

 B98989

 B99C9C

 B9AEAE

 B9C1C0

 B9D3D3

 B9E5E5

# Harmonies

## Analogous

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



B9386E



B93F40



A45415

# Triad

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



B93F40



007B35



0070C7

# Complementary

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



B93F40



3FB9B8

# 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.



007AB9



B93F40



007E66

# Square

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



B93F40



537402



007E95



625EBC

# Rectangle

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



B93F40



8E6100



007E95



0074C5



# Sweetspot

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



B93F40



F0C0C0



B73FB9



785B5B



F7F7F7



787878



# Same Dimension

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



B93F40



F03234



B97A3F



5C5353



9C0001



1C0000



# Inverse Universe

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



B93F40



F03234



3F7EB9



5C5353



9C0001



1C0000



# Previews

## White Background



This preview shows how the Hex color B93F40 looks on a white background.

## Color Contrast Check

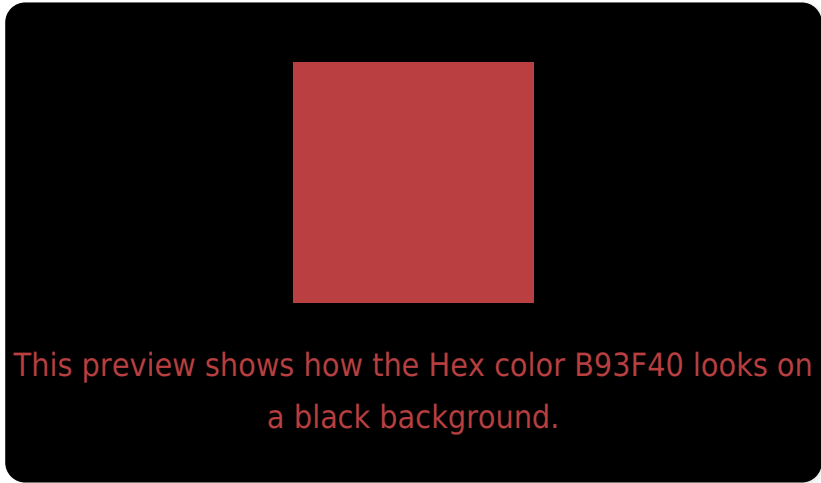
Large Text (above 18pt) WCAG AA ✓ Pass

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 B93F40 Background



This preview shows how black text looks on a background with the Hex color B93F40.

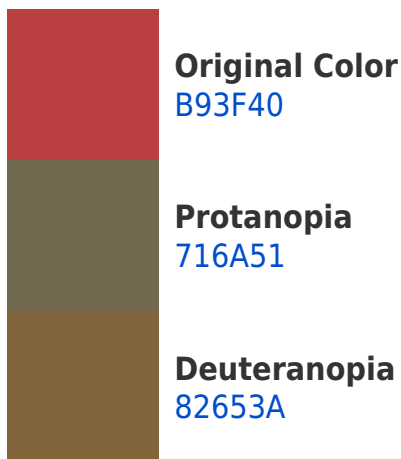


This preview shows how white text looks on a background with the Hex color B93F40.

# 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](#).

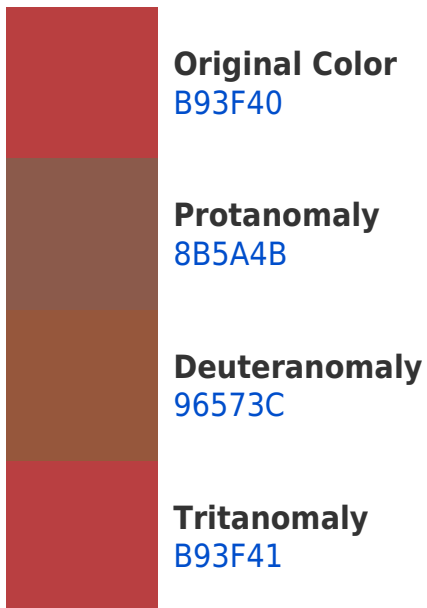
## Dichromacy



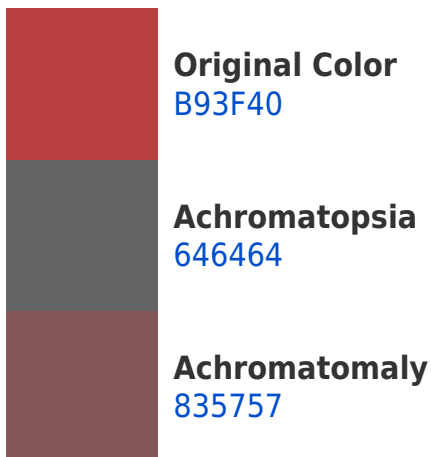


**Tritanopia**  
B93F42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B93F40 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 #B93F40 looks like.

```
.text, #text, p{  
    color:#B93F40  
}
```

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 #B93F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B93F40
}
```

## Border

The CSS property to change the border of an element to Hex B93F40 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
#B93F40 }
```

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

```
.border{ border-color:#B93F40 }
```

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

Here you see how a box with a 4 pixel #B93F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B93F40; -webkit-box-shadow:4px 4px  
4px 4px #B93F40; box-shadow:4px 4px 4px  
4px #B93F40 }
```

# Background

The CSS property to change the background color of an element to Hex B93F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B93F40 }
```

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

```
.background{ background-color:#B93F40 }
```

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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