

# Converting Colors

Hex(8B2C3C)

Have a look what the booklet for  
Hex(8B2C3C) contains.

<b>Hex(8B2C3C)</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(8B2C3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B2C3C
RGB	139, 44, 60
RGB Percent	55%, 17%, 24%
CMY	0.4549, 0.8275, 0.7647
CMYK	0.00, 0.68, 0.57, 0.45
HSL	350°, 52%, 36%
HSV	350°, 68%, 55%
XYZ	12.3638, 7.6166, 5.0935
YIQ	74.2290, 51.4840, 25.1160

# Conversions

## Conversions Part 2

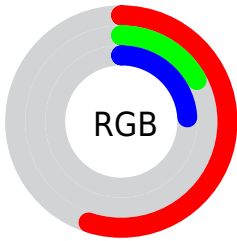
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 44, 60
Decimal	9120828
CIE Lab	33.17, 41.40, 12.71
CIE LCh	33, 43.306, 17.074
Yxy	7.6166, 0.4931, 0.3038
Android (android.graphics.Color)	4287310908 (0xFF8B2C3C)
YUV	74.2290, -7.0149, 56.8042
Hunter-Lab	27.5981, 31.6699, 8.3762

# Details

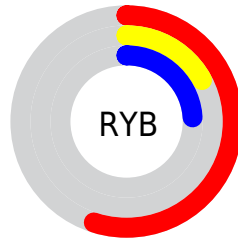
The Hex color **8B2C3C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C8B7B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C5606B**, and **530012** is the 20% darker color. If you saturate the color by 10%, you get **8B1E30**, and if you desaturate by 10%, it is **8B3A48**.

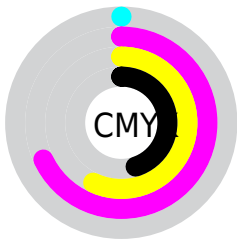
# Distribution



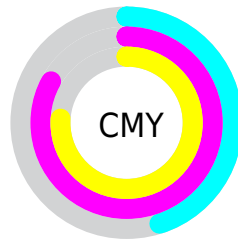
- Red (55%)
- Green (17%)
- Blue (24%)



- Red (55%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (57%)
- Black (45%)



- Cyan (45%)
- Magenta (83%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B2C3C 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 8B2C3C by changing the saturation by 10% instead.



 8B2C3C

 8B2C3C

FFFFFF

 6F0F26

 C5606B

 530012

 E27A84

 3A0000

 FF959E

 190001

 FFB0B9

 000000

 FFCCD5

 FFE9F1

 8B2C3C

 8B2C3C

 8B1E30

 8B3A48

 8B1025

 8B4853

 8B0219

 8B565F

 8B0017

 8B646A

 8B7276

 8B7F81

 8B8D8D

 8B9B98

 8BA9A4

# Harmonies

## Analogous

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



842D5E



8B2C3C



81381C

# Triad

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



8B2C3C



22591B



005691

# Complementary

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



8B2C3C



2C8B7B

# 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.



005C80



8B2C3C



005D3E

# Square

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



8B2C3C



4C5200



005E61



2D4B90

# Rectangle

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



8B2C3C



734208



005E61



00598D



# Sweetspot

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



8B2C3C



B58F95



7A2C8B



5C4549



DBDBDB



5C5C5C



# Same Dimension

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



8B2C3C



B5213A



8B4A2C



453E3F



850016



050001



# Inverse Universe

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



8B2C3C



B5213A



2C6D8B



453E3F



850016

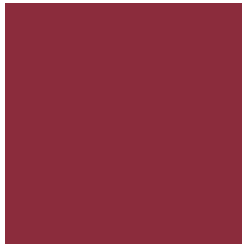


050001



# Previews

## White Background



This preview shows how the Hex color 8B2C3C looks on a white background.

## Color Contrast Check

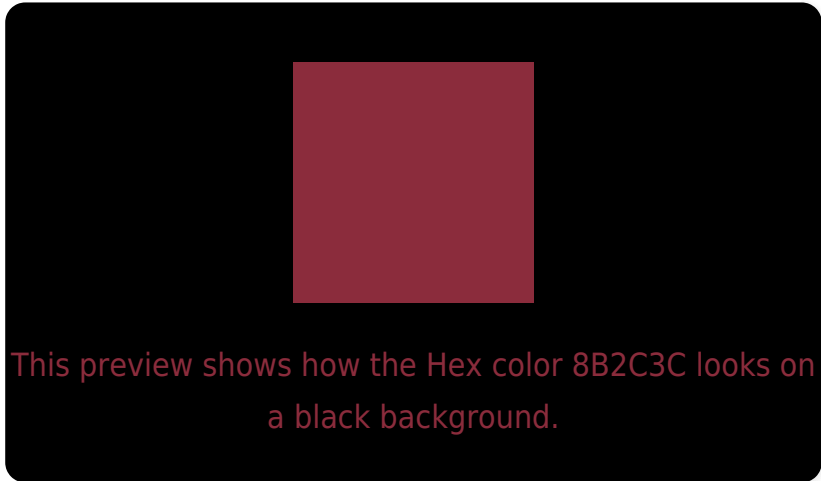
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

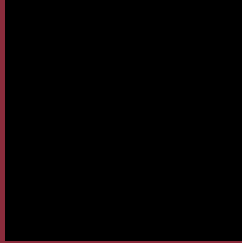
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B2C3C Background



This preview shows how black text looks on a background with the Hex color 8B2C3C.



This preview shows how white text looks on a background with the Hex color 8B2C3C.

# 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**  
8A2E31

# Trichromacy



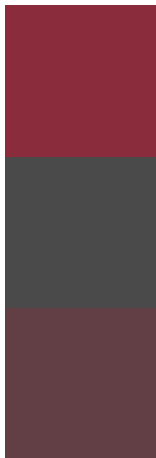
**Original Color**  
8B2C3C

**Protanomaly**  
664246

**Deuteranomaly**  
6E4039

**Tritanomaly**  
8A2D35

# Monochromacy



**Original Color**  
8B2C3C

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
623F45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B2C3C 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 #8B2C3C looks like.

```
.text, #text, p{  
    color:#8B2C3C  
}
```

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 #8B2C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B2C3C
}
```

## Border

The CSS property to change the border of an element to Hex 8B2C3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

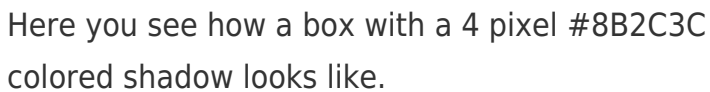
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B2C3C }
```

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

```
.border{ border-color:#8B2C3C }
```

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



Here you see how a box with a 4 pixel #8B2C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B2C3C; -webkit-box-shadow:4px 4px  
4px 4px #8B2C3C; box-shadow:4px 4px 4px  
4px #8B2C3C }
```

# Background

The CSS property to change the background color of an element to Hex 8B2C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B2C3C }
```

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

```
.background{ background-color:#8B2C3C }
```

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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