

# Converting Colors

Hex(8C3730)

Have a look what the booklet for  
Hex(8C3730) contains.

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**Color**

**Hex(8C3730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C3730
RGB	140, 55, 48
RGB Percent	55%, 22%, 19%
CMY	0.4510, 0.7843, 0.8118
CMYK	0.00, 0.61, 0.66, 0.45
HSL	5°, 49%, 37%
HSV	5°, 66%, 55%
XYZ	12.7149, 8.5212, 3.7709
YIQ	79.6170, 52.9070, 15.8430

# Conversions

## Conversions Part 2

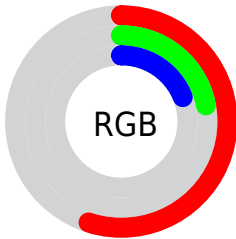
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 56, 48
Decimal	9189168
CIE <sub>Lab</sub>	35.05, 35.69, 22.82
CIE <sub>LCh</sub>	35, 42.364, 32.590
Yxy	8.5212, 0.5085, 0.3408
Android (android.graphics.Color)	4287379248 (0xFF8C3730)
YUV	79.6170, -15.5872, 52.9559
Hunter-Lab	29.1911, 26.6655, 12.7747

# Details

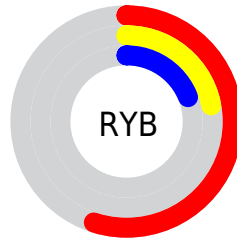
The Hex color **8C3730** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **30858C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C6695E**, and **540102** is the 20% darker color. If you saturate the color by 10%, you get **8C2A22**, and if you desaturate by 10%, it is **8C443E**.

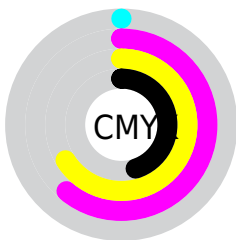
# Distribution



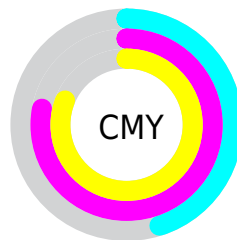
- Red (55%)
- Green (22%)
- Blue (19%)



- Red (55%)
- Yellow (22%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (66%)
- Black (45%)



- Cyan (45%)
- Magenta (78%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C3730 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 8C3730 by changing the saturation by 10% instead.



 8C3730

 8C3730

FFFFFF

 701E1B

 C6695E

 540102

 E48377

 390000

 FF9E91

 1C0001

 FFBAAB

 000000

 FFD6C7

 FFF2E3

 8C3730

 8C3730

 8C2A22

 8C443E

■ 8C1D14

■ 8C514C

■ 8C1006

■ 8C5E5A

■ 8C0B00

■ 8C6B68

■ 8C7876

■ 8C8584

■ 8C9292

■ 8C9EA0

■ 8CABAE

# Harmonies

## Analogous

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



8E3151



8C3730



7B4514

# Triad

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



8C3730



006032



005596

# Complementary

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



8C3730



30858C

# 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.



005E8E



8C3730



006254

# Square

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



8C3730



3E5B13



006276



56488C

# Rectangle

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



8C3730



6A4E05



006276



005996



# Sweetspot

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



8C3730



B59491



8C3086



5C4746



DBDBDB



5C5C5C



# Same Dimension

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



8C3730



B53126



8C6430



453E3E



850A00



050000



# Inverse Universe

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



30858C



26AAB5



30588C



3E4445



007B85



000505



# Previews

## White Background



This preview shows how the Hex color 8C3730 looks on a white background.

## Color Contrast Check

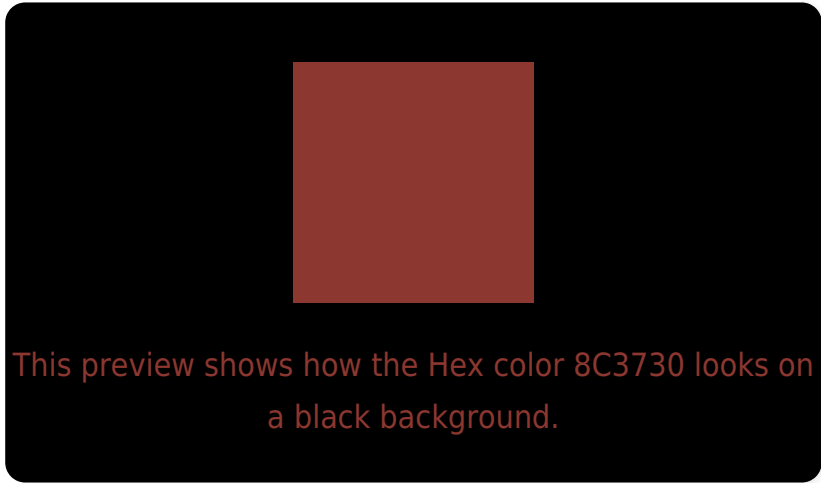
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C3730 Background



This preview shows how black text looks on a background with the Hex color 8C3730.

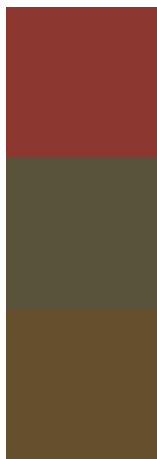


This preview shows how white text looks on a background with the Hex color 8C3730.

# 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**  
8C3730

**Protanopia**  
5A533B

**Deuteranopia**  
664F2C



**Tritanopia**  
8C3639

# Trichromacy



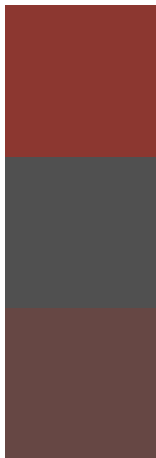
**Original Color**  
8C3730

**Protanomaly**  
6C4937

**Deuteranomaly**  
74462D

**Tritanomaly**  
8C3636

# Monochromacy



**Original Color**  
8C3730

**Achromatopsia**  
505050

**Achromatomaly**  
664744

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C3730 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 #8C3730 looks like.

```
.text, #text, p{  
    color:#8C3730  
}
```

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 #8C3730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C3730
}
```

## Border

The CSS property to change the border of an element to Hex 8C3730 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
#8C3730 }
```

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

```
.border{ border-color:#8C3730 }
```

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

Here you see how a box with a 4 pixel #8C3730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C3730; -webkit-box-shadow:4px 4px  
4px 4px #8C3730; box-shadow:4px 4px 4px  
4px #8C3730 }
```

# Background

The CSS property to change the background color of an element to Hex 8C3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C3730 }
```

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

```
.background{ background-color:#8C3730 }
```

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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