

# Converting Colors

Hex(8C3F35)

Have a look what the booklet for  
Hex(8C3F35) contains.

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# Color

**Hex(8C3F35)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C3F35
RGB	140, 63, 53
RGB Percent	55%, 25%, 21%
CMY	0.4510, 0.7529, 0.7922
CMYK	0.00, 0.55, 0.62, 0.45
HSL	7°, 45%, 38%
HSV	7°, 62%, 55%
XYZ	13.2353, 9.3875, 4.4826
YIQ	84.8830, 49.1020, 13.2140

# Conversions

## Conversions Part 2

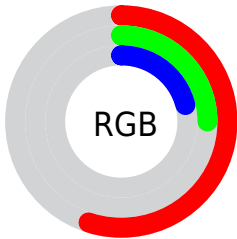
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 64, 53
Decimal	9191221
CIE <sub>Lab</sub>	36.72, 31.92, 21.84
CIE <sub>LCh</sub>	37, 38.675, 34.378
Yxy	9.3875, 0.4883, 0.3463
Android (android.graphics.Color)	4287381301 (0xFF8C3F35)
YUV	84.8830, -15.7183, 48.3376
Hunter-Lab	30.6390, 23.4894, 12.7731

# Details

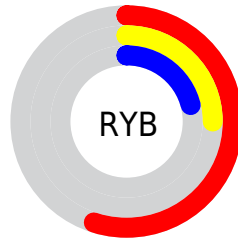
The Hex color **8C3F35** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **35828C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **C57164**, and **550D09** is the 20% darker color. If you saturate the color by 10%, you get **8C3327**, and if you desaturate by 10%, it is **8C4B43**.

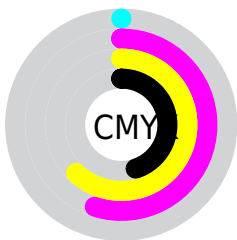
# Distribution



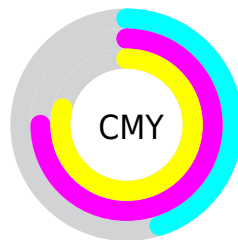
- Red (55%)
- Green (25%)
- Blue (21%)



- Red (55%)
- Yellow (25%)
- Blue (21%)



- Cyan (0%)
- Magenta (55%)
- Yellow (62%)
- Black (45%)



- Cyan (45%)
- Magenta (75%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C3F35 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 8C3F35 by changing the saturation by 10% instead.



 8C3F35

 8C3F35

FFFFFF

 702720

 C57164

 550D09

 E38B7D

 3A0000

 FFA697

 1F0001

 FFC1B1

 000000

 FFDECD

 FFFAE9

 8C3F35

 8C3F35

 8C3327

 8C4B43

 8C2619

 8C5851

 8C1A0B

 8C645F

 8C1000

 8C716D

 8C7D7B

 8C8989

 8C9697

 8CA2A5

 8CAFB3

# Harmonies

## Analogous

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



8E3953



8C3F35



7C4B1D

# Triad

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



8C3F35



0B633A



185894

# Complementary

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



8C3F35



35828C

# 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.



00618E



8C3F35



00655A

# Square

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



8C3F35



435F1F



006579



5E4C8A

# Rectangle

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



8C3F35



6C5314



006579



005C94



# Sweetspot

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



8C3F35



B59793



8C3583



5C4947



DBDBDB



5C5C5C



# Same Dimension

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



8C3F35



B53D2D



8C6935



453F3E



850F00



050100



# Inverse Universe

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



35828C



2DA5B5



35588C



3E4445



007585



000505



# Previews

## White Background



This preview shows how the Hex color 8C3F35 looks on a white background.

## Color Contrast Check

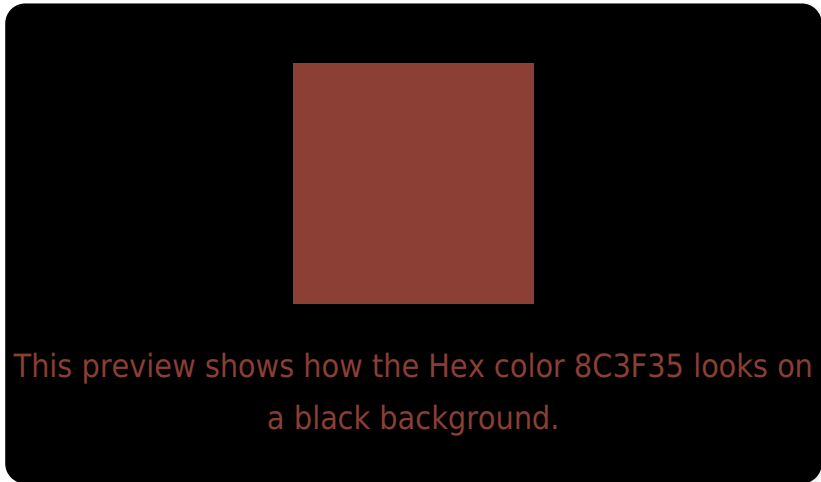
Large Text (above 18pt) WCAG AA ✓ Pass

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

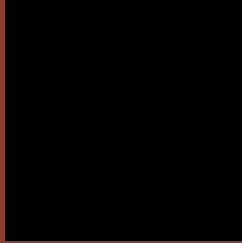
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C3F35 Background



This preview shows how black text looks on a background with the Hex color 8C3F35.



This preview shows how white text looks on a background with the Hex color 8C3F35.

# 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**  
8C3F35

**Protanopia**  
5E573E

**Deuteranopia**  
6A5331



**Tritanopia**  
8D3D41

# Trichromacy



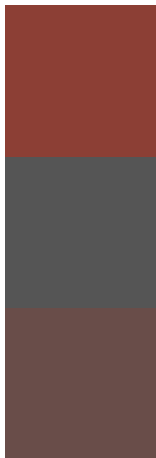
**Original Color**  
8C3F35

**Protanomaly**  
6F4E3B

**Deuteranomaly**  
764C32

**Tritanomaly**  
8D3E3D

# Monochromacy



**Original Color**  
8C3F35

**Achromatopsia**  
555555

**Achromatomaly**  
694D49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C3F35 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 #8C3F35 looks like.

```
.text, #text, p{  
    color:#8C3F35  
}
```

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 #8C3F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C3F35
}
```

## Border

The CSS property to change the border of an element to Hex 8C3F35 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".

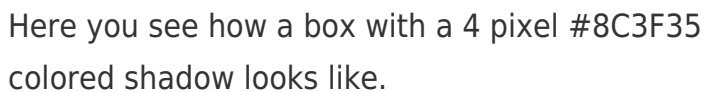
```
.border, #border, table{ border:4px solid
#8C3F35 }
```

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

```
.border{ border-color:#8C3F35 }
```

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

Here you see how a box with a 4 pixel #8C3F35 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #8C3F35 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C3F35; -webkit-box-shadow:4px 4px  
4px 4px #8C3F35; box-shadow:4px 4px 4px  
4px #8C3F35 }
```

# Background

The CSS property to change the background color of an element to Hex 8C3F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C3F35 }
```

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

```
.background{ background-color:#8C3F35 }
```

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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