

Converting Colors

Hex(C83E3F)

Have a look what the booklet for
Hex(C83E3F) contains.

Hex(C83E3F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C83E3F)

Conversions

Conversions Part 1

Format	Color
Hex	C83E3F
RGB	200, 62, 63
RGB Percent	78%, 24%, 25%
CMY	0.2157, 0.7569, 0.7529
CMYK	0.00, 0.69, 0.68, 0.22
HSL	360°, 56%, 51%
HSV	360°, 69%, 78%
XYZ	26.4392, 16.0835, 6.4135
YIQ	103.3760, 81.9270, 29.5670

Conversions

Conversions Part 2

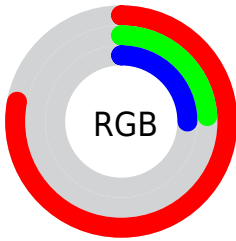
Format	Color
R_{YB}	200, 62, 63
Decimal	13123135
CIE _{Lab}	47.08, 54.48, 30.95
CIE _{LCh}	47, 62.656, 29.599
Yxy	16.0835, 0.5403, 0.3287
Android (android.graphics.Color)	4291313215 (0xFFC83E3F)
YUV	103.3760, -19.9054, 84.7392
Hunter-Lab	40.1042, 47.4961, 18.5912

Details

The Hex color **C83E3F** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3EC8C7**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF766F**, and **8B0014** is the 20% darker color. If you saturate the color by 10%, you get **C82A2B**, and if you desaturate by 10%, it is **C85253**.

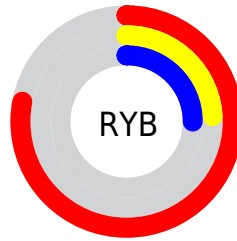
Distribution



Red (78%)

Green (24%)

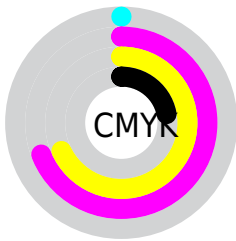
Blue (25%)



Red (78%)

Yellow (24%)

Blue (25%)

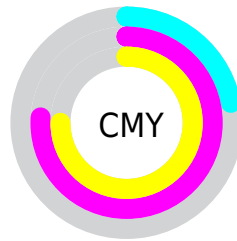


Cyan (0%)

Magenta (69%)

Yellow (68%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83E3F 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 C83E3F by changing the saturation by 10% instead.

 C83E3F

 C83E3F

FFFFFF

 A91F29

 FF766F

 8B0014

 FF9188

 6D0000

 FFADA3

 4F0000

 FFCABE

 330002

 FFE7DA

 000000

 FFFFF6

 C83E3F

 C83E3F

 C82A2B

 C85253

 C81617

 C86667

 C80203

 C87A7B

 C80001

 C88E8E

 C8A2A2

 C8B6B6

 C8CACA

 C8DEDE

 C8F2F2

Harmonies

Analogous

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



C93373



C83E3F



AF5709

Triad

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



C83E3F



008336



0076DA

Complementary

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



C83E3F



3EC8C7

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.



0082CA



C83E3F



00876D

Square

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



C83E3F



537B00



0087A3



6962CC

Rectangle

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



C83E3F



966700



0087A3



007BD8

Sweetspot

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



C83E3F



FFC9CA



C63EC8



806060



000000



808080

Same Dimension

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



C83E3F



FF2B2D



C8813E



635A5A



A30001



240000

Inverse Universe

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



C83E3F



FF2B2D



3E85C8



635A5A



A30001



240000

Previews

White Background



This preview shows how the Hex color C83E3F looks on a white background.

Color Contrast Check

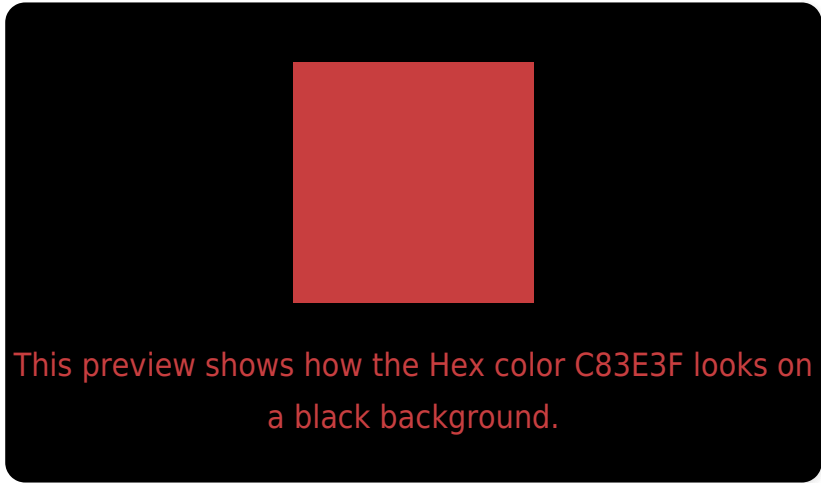
Large Text (above 18pt) WCAG AA ✓ Pass

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 C83E3F Background



This preview shows how black text looks on a background with the Hex color C83E3F.




This preview shows how white text looks on a background with the Hex color C83E3F.

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](#).

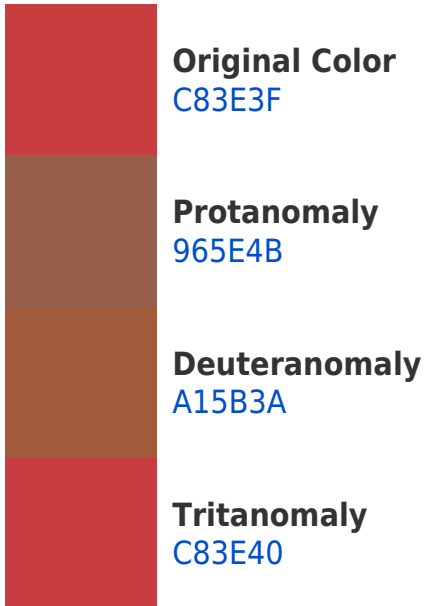
Dichromacy





Tritanopia
C83E41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C83E3F 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 #C83E3F looks like.

```
.text, #text, p{  
    color:#C83E3F  
}
```

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 #C83E3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83E3F
}
```

Border

The CSS property to change the border of an element to Hex C83E3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

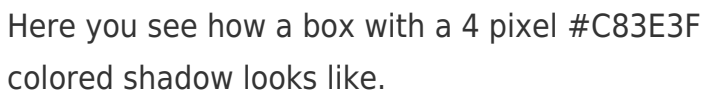
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C83E3F }
```

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

```
.border{ border-color:#C83E3F }
```

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



Here you see how a box with a 4 pixel `#C83E3F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83E3F; -webkit-box-shadow:4px 4px  
4px 4px #C83E3F; box-shadow:4px 4px 4px  
4px #C83E3F }
```

Background

The CSS property to change the background color of an element to Hex C83E3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83E3F }
```

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

```
.background{ background-color:#C83E3F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor