

# Converting Colors

Hex(C43B3E)

Have a look what the booklet for  
Hex(C43B3E) contains.

|  |    |
|--|----|
| <b>Hex(C43B3E)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(C43B3E)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C43B3E                     |
| RGB           | 196, 59, 62                |
| RGB Percent   | 77%, 23%, 24%              |
| CMY           | 0.2314, 0.7686, 0.7569     |
| CMYK          | 0.00, 0.70, 0.68, 0.23     |
| HSL           | 359°, 54%, 50%             |
| HSV           | 359°, 70%, 77%             |
| XYZ           | 25.1984, 15.2115, 6.1654   |
| YIQ           | 100.3050, 80.6890, 29.9770 |

# Conversions

## Conversions Part 2

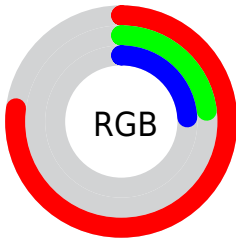
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 196, 59, 62                    |
| Decimal                             | 12860222                       |
| CIE <sub>Lab</sub>                  | 45.92, 54.30, 29.96            |
| CIE <sub>LCh</sub>                  | 46, 62.015, 28.891             |
| Yxy                                 | 15.2115, 0.5410,<br>0.3266     |
| Android<br>(android.graphics.Color) | 4291050302<br>(0xFFC43B3E)     |
| YUV                                 | 100.3050, -18.8844,<br>83.9245 |
| Hunter-Lab                          | 39.0019, 47.0722,<br>17.9288   |

# Details

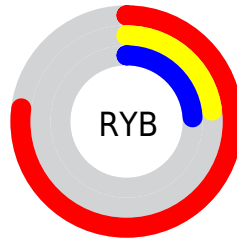
The Hex color **C43B3E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3BC4C1**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF736E**, and **870014** is the 20% darker color. If you saturate the color by 10%, you get **C4272B**, and if you desaturate by 10%, it is **C44F51**.

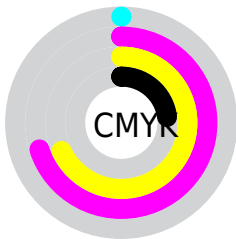
# Distribution



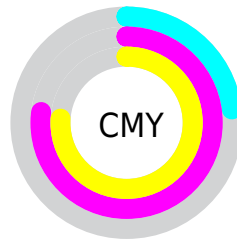
- Red (77%)
- Green (23%)
- Blue (24%)



- Red (77%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (70%)
- Yellow (68%)
- Black (23%)



- Cyan (23%)
- Magenta (77%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C43B3E 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 C43B3E by changing the saturation by 10% instead.



 C43B3E

 C43B3E

FFFFFF

 A51B28

 FF736E

 870014

 FF8E87

 690000

 FFAAA1

 4B0000

 FFC7BC

 300002

 FFE4D8

 000000

 FFFFF5

 C43B3E

 C43B3E

 C4272B

 C44F51

 C41418

 C46264

 C40004

 C47678

 C4898B

 C49D9E

 C4B1B1

 C4C4C4

 C4D8D7

 C4EBEB

# Harmonies

## Analogous

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



C53171



C43B3E



AC5408

# Triad

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



C43B3E



008033



0074D5

# Complementary

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



C43B3E



3BC4C1

# 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.



007FC6



C43B3E



008369

# Square

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



C43B3E



527800



00849E



6460C9

# Rectangle

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



C43B3E



936400



00849E



0079D3



# Sweetspot

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



C43B3E



FFC9CB



BF3BC4



806060



000000



808080



# Same Dimension

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



C43B3E



FF292D



C47B3B



615757



A10004



210001



# Inverse Universe

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



C43B3E



FF292D



3B84C4



615757



A10004



210001



# Previews

## White Background



This preview shows how the Hex color C43B3E looks on a white background.

## Color Contrast Check

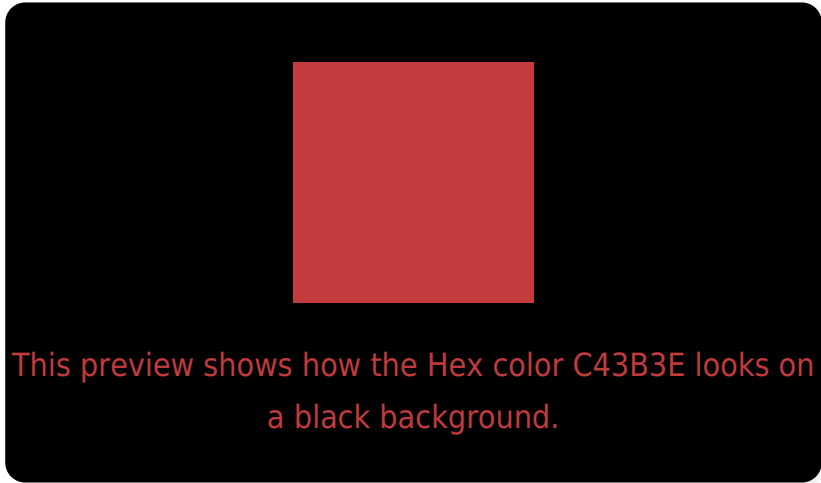
Large Text (above 18pt) WCAG AA ✓ Pass

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 C43B3E Background



This preview shows how black text looks on a background with the Hex color C43B3E.



This preview shows how white text looks on a background with the Hex color C43B3E.

# 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**  
C43B3E

**Protanopia**  
766D51

**Deuteranopia**  
876836



**Tritanopia**  
C43B3E

# Trichromacy



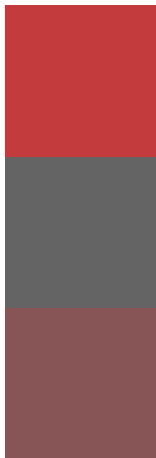
**Original Color**  
C43B3E

**Protanomaly**  
925B4A

**Deuteranomaly**  
9D5839

**Tritanomaly**  
C43B3E

# Monochromacy



**Original Color**  
C43B3E

**Achromatopsia**  
646464

**Achromatomaly**  
875556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C43B3E 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 #C43B3E looks like.

```
.text, #text, p{  
    color:#C43B3E  
}
```

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 #C43B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C43B3E
}
```

## Border

The CSS property to change the border of an element to Hex C43B3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

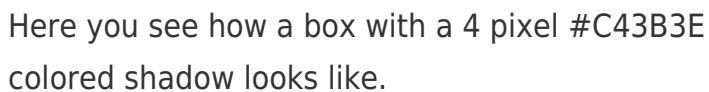
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C43B3E }
```

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

```
.border{ border-color:#C43B3E }
```

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



Here you see how a box with a 4 pixel `#C43B3E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C43B3E; -webkit-box-shadow:4px 4px  
4px 4px #C43B3E; box-shadow:4px 4px 4px  
4px #C43B3E }
```

# Background

The CSS property to change the background color of an element to Hex C43B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C43B3E }
```

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

```
.background{ background-color:#C43B3E }
```

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