

# Converting Colors

Hex(C03F3F)

Have a look what the booklet for  
Hex(C03F3F) contains.

<b>Hex(C03F3F)</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(C03F3F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C03F3F
RGB	192, 63, 63
RGB Percent	75%, 25%, 25%
CMY	0.2471, 0.7529, 0.7529
CMYK	0.00, 0.67, 0.67, 0.25
HSL	0°, 51%, 50%
HSV	0°, 67%, 75%
XYZ	24.4129, 15.1204, 6.3344
YIQ	101.5710, 76.8840, 27.3480

# Conversions

## Conversions Part 2

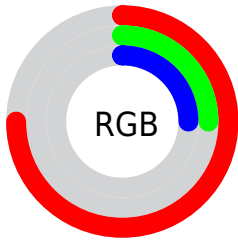
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 63, 63
Decimal	12599103
CIE <sub>Lab</sub>	45.80, 51.46, 29.05
CIE <sub>LCh</sub>	46, 59.094, 29.449
Yxy	15.1204, 0.5322, 0.3297
Android (android.graphics.Color)	4290789183 (0xFFC03F3F)
YUV	101.5710, -19.0155, 79.3062
Hunter-Lab	38.8849, 44.0183, 17.5610

# Details

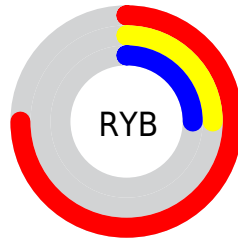
The Hex color **C03F3F** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3FC0C0**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FE766F**, and **840014** is the 20% darker color. If you saturate the color by 10%, you get **C02C2C**, and if you desaturate by 10%, it is **C05252**.

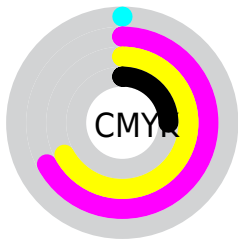
# Distribution



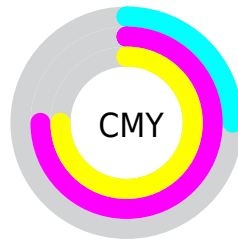
- Red (75%)
- Green (25%)
- Blue (25%)



- Red (75%)
- Yellow (25%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (67%)
- Black (25%)



- Cyan (25%)
- Magenta (75%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C03F3F 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 C03F3F by changing the saturation by 10% instead.



 C03F3F

 C03F3F

FFFFFF

 A22129

 FE766F

 840014

 FF9188

 660000

 FFADA3

 490000

 FFC9BE

 2D0001

 FFE6D9

 000000

 FFFFF6

 C03F3F

 C03F3F

 C02C2C

 C05252

 C01919

 C06565

 C00505

 C07979

 C00000

 C08C8C

 C09F9F

 C0B2B2

 C0C5C5

 C0D9D9

 C0ECEC

# Harmonies

## Analogous

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



C13670



C03F3F



A95610

# Triad

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



C03F3F



007F37



0073D0

# Complementary

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



C03F3F



3FC0C0

# 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.



007EC1



C03F3F



00826A

# Square

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



C03F3F



537700



00829C



6760C3

# Rectangle

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



C03F3F



916400



00829C



0077CE



# Sweetspot

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



C03F3F



FAC8C8



C03FC0



7D5F5F



FCFCFC



7D7D7D



# Same Dimension

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



C03F3F



FA2F2F



C0803F



615757



A10000



210000



# Inverse Universe

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



3FC0C0



2FFAFA



3F80C0



576161



00A1A1



002121



# Previews

## White Background



This preview shows how the Hex color C03F3F looks on a white background.

## Color Contrast Check

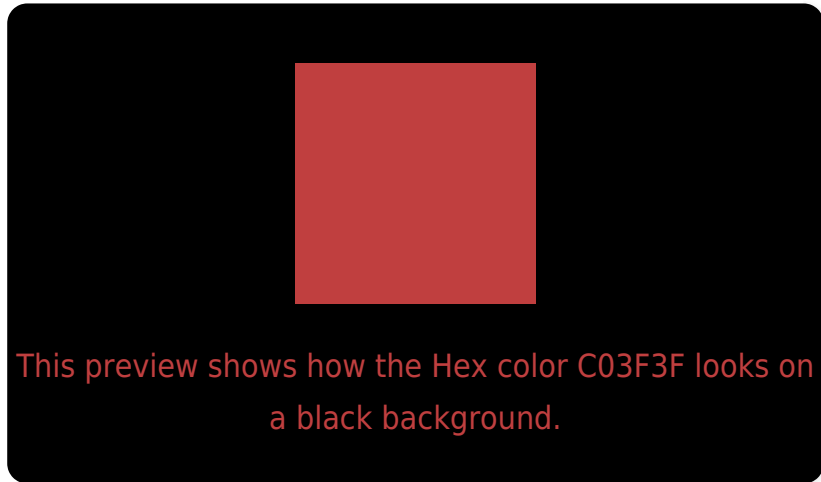
Large Text (above 18pt) WCAG AA ✓ Pass

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 C03F3F Background



This preview shows how black text looks on a background with the Hex color C03F3F.

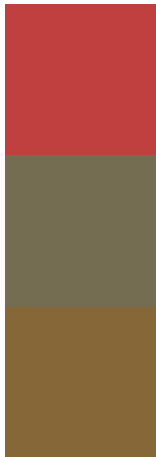


This preview shows how white text looks on a background with the Hex color C03F3F.

# 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**  
C03F3F

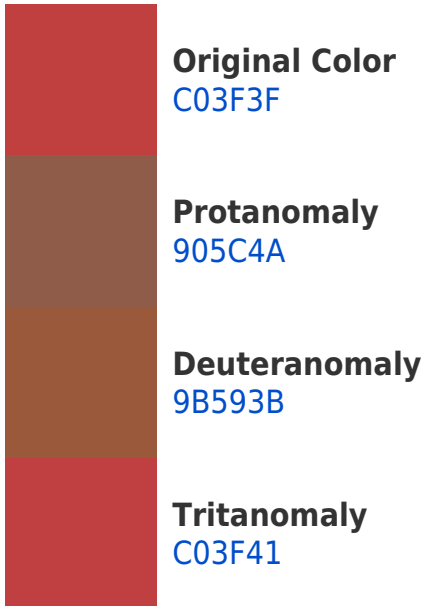
**Protanopia**  
756D51

**Deuteranopia**  
866838



**Tritanopia**  
C03F42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C03F3F 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 #C03F3F looks like.

```
.text, #text, p{  
    color:#C03F3F  
}
```

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 #C03F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C03F3F
}
```

## Border

The CSS property to change the border of an element to Hex C03F3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

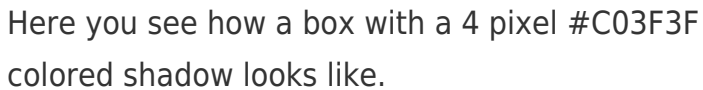
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C03F3F }
```

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

```
.border{ border-color:#C03F3F }
```

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



Here you see how a box with a 4 pixel `#C03F3F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C03F3F; -webkit-box-shadow:4px 4px  
4px 4px #C03F3F; box-shadow:4px 4px 4px  
4px #C03F3F }
```

# Background

The CSS property to change the background color of an element to Hex C03F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C03F3F }
```

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

```
.background{ background-color:#C03F3F }
```

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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