

# Converting Colors

Hex(DF3C3C)

Have a look what the booklet for  
Hex(DF3C3C) contains.

<b>Hex(DF3C3C)</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(**DF3C3C**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF3C3C
RGB	223, 60, 60
RGB Percent	87%, 24%, 24%
CMY	0.1255, 0.7647, 0.7647
CMYK	0.00, 0.73, 0.73, 0.13
HSL	0°, 72%, 55%
HSV	0°, 73%, 87%
XYZ	32.8629, 19.2459, 6.2577
YIQ	108.7370, 97.1480, 34.5560

# Conversions

## Conversions Part 2

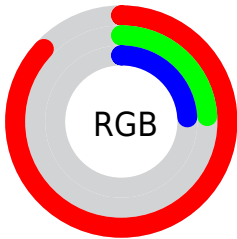
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">223, 60, 60</a>
Decimal	<a href="#">14629948</a>
CIELab	<a href="#">50.97, 62.25, 38.29</a>
CIElCh	<a href="#">51, 73.087, 31.594</a>
Yxy	<a href="#">19.2459, 0.5630, 0.3297</a>
Android (android.graphics.Color)	<a href="#">4292820028 (0xFFDF3C3C)</a>
YUV	<a href="#">108.7370, -24.0273, 100.2087</a>
Hunter-Lab	<a href="#">43.8702, 56.9404, 22.2519</a>

# Details

The Hex color **DF3C3C** 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 **3CDFDF**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF776C**, and **A00011** is the 20% darker color. If you saturate the color by 10%, you get **DF2626**, and if you desaturate by 10%, it is **DF5252**.

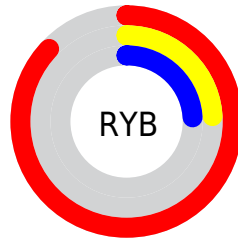
# Distribution



Red (87%)

Green (24%)

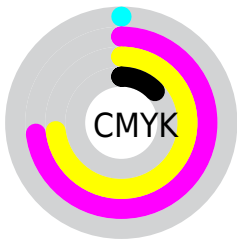
Blue (24%)



Red (87%)

Yellow (24%)

Blue (24%)

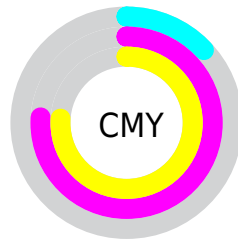


Cyan (0%)

Magenta (73%)

Yellow (73%)

Black (13%)



Cyan (13%)

Magenta (76%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF3C3C 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 DF3C3C by changing the saturation by 10% instead.



 DF3C3C

 DF3C3C

FFFFFF

 BF1726

 FF776C

 A00011

 FF9385

 810000

 FFB0A0

 620000

 FFCDBB

 450003

 FFEAD7

 250001

 FFFFF3

 000000

 DF3C3C

 DF3C3C

 DF2626

 DF5252

 DF0F0F

 DF6969

 DF0000

 DF7F7F

 DF9595

 DFACAC

 DFC2C2

 DFD8D8

 DFEEEE

 DFFFFFF

# Harmonies

## Analogous

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



E32779



DF3C3C



C05E00

# Triad

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



DF3C3C



009039



0081F8

# Complementary

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



DF3C3C



3CDFDF

# 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.



008FE8



DF3C3C



00947B

# Square

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



DF3C3C



508800



0094BA



7767E5

# Rectangle

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



DF3C3C



A27100



0094BA



0086F6



# Sweetspot

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



DF3C3C



FFC7C7



DF3CDF



805E5E



000000



808080



# Same Dimension

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



DF3C3C



FF1F1F



DF8E3C



706565



B00000



300000



# Inverse Universe

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



3CDFDF



1FFFFFF



3C8EDF



657070



00B0B0



003030



# Previews

## White Background



This preview shows how the Hex color DF3C3C looks on a white background.

## Color Contrast Check

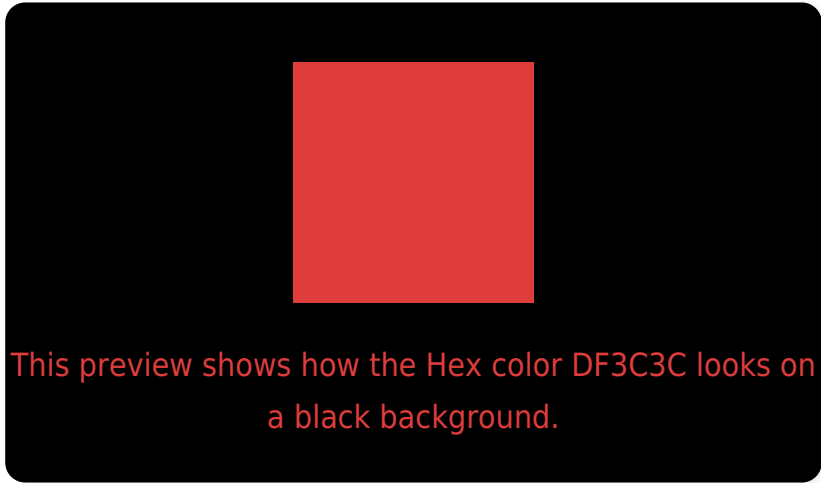
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex DF3C3C Background



This preview shows how black text looks on a background with the Hex color DF3C3C.



This preview shows how white text looks on a background with the Hex color DF3C3C.

# 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**  
DF3C3C

**Protanopia**  
847A51

**Deuteranopia**  
987432



**Tritanopia**  
DF3C3E

# Trichromacy



**Original Color**  
DF3C3C

**Protanomaly**  
A56349

**Deuteranomaly**  
B26036

**Tritanomaly**  
DF3C3D

# Monochromacy



**Original Color**  
DF3C3C

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
965B5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF3C3C 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 #DF3C3C looks like.

```
.text, #text, p{  
    color:#DF3C3C  
}
```

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 #DF3C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF3C3C
}
```

## Border

The CSS property to change the border of an element to Hex DF3C3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

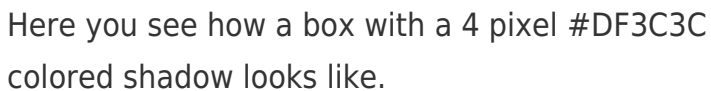
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DF3C3C }
```

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

```
.border{ border-color:#DF3C3C }
```

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



Here you see how a box with a 4 pixel `#DF3C3C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF3C3C; -webkit-box-shadow:4px 4px  
4px 4px #DF3C3C; box-shadow:4px 4px 4px  
4px #DF3C3C }
```

# Background

The CSS property to change the background color of an element to Hex DF3C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF3C3C }
```

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

```
.background{ background-color:#DF3C3C }
```

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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