

Converting Colors

Hex(D33F3F)

Have a look what the booklet for
Hex(D33F3F) contains.

Hex(D33F3F)	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(D33F3F)

Conversions

Conversions Part 1

Format	Color
Hex	D33F3F
RGB	211, 63, 63
RGB Percent	83%, 25%, 25%
CMY	0.1725, 0.7529, 0.7529
CMYK	0.00, 0.70, 0.70, 0.17
HSL	0°, 63%, 54%
HSV	0°, 70%, 83%
XYZ	29.5387, 17.7628, 6.5743
YIQ	107.2520, 88.2080, 31.3760

Conversions

Conversions Part 2

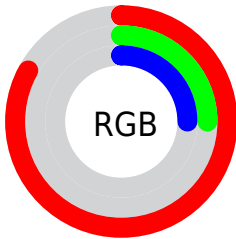
Format	Color
RYB	211, 63, 63
Decimal	13844287
CIELab	49.21, 57.61, 33.96
CIElCh	49, 66.879, 30.520
Yxy	17.7628, 0.5483, 0.3297
Android (android.graphics.Color)	4292034367 (0xFFD33F3F)
YUV	107.2520, -21.8162, 90.9870
Hunter-Lab	42.1459, 51.3494, 20.2535

Details

The Hex color **D33F3F** 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 **3FD3D3**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF786F**, and **950014** is the 20% darker color. If you saturate the color by 10%, you get **D32A2A**, and if you desaturate by 10%, it is **D35454**.

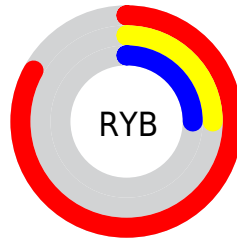
Distribution



Red (83%)

Green (25%)

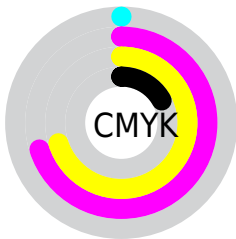
Blue (25%)



Red (83%)

Yellow (25%)

Blue (25%)

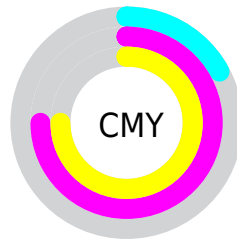


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (17%)



Cyan (17%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33F3F 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 D33F3F by changing the saturation by 10% instead.

 D33F3F

 D33F3F

FFFFFF

 B41E29

 FF786F

 950014

 FF9488

 770000

 FFB0A3

 580000

 FFCDBE

 3D0003

 FFEADA

 170000

 FFFFF6

 000000

 D33F3F

 D33F3F

 D32A2A

 D35454

 D31515

 D36969

 D30000

 D37E7E

 D39393

 D3A9A9

 D3BEBE

 D3D3D3

 D3E8E8

 D3FDFD

Harmonies

Analogous

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



D63176



D33F3F



B85C00

Triad

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



D33F3F



008A39



007CE7

Complementary

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



D33F3F



3FD3D3

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.



0089D8



D33F3F



008E74

Square

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



D33F3F



538200



008EAD



7165D8

Rectangle

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



D33F3F



9C6C00



008EAD



0081E6

Sweetspot

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



D33F3F



FFC9C9



D33FD3



806060



000000



808080

Same Dimension

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



D33F3F



FF2929



D3893F



695E5E



A80000



290000

Inverse Universe

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



3FD3D3



29FFFF



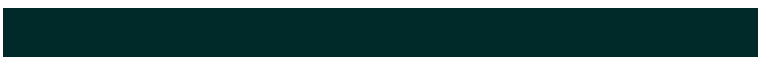
3F89D3



5E6969



00A8A8



002929

Previews

White Background



This preview shows how the Hex color D33F3F 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 ✓ 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 D33F3F Background



This preview shows how black text looks on a background with the Hex color D33F3F.

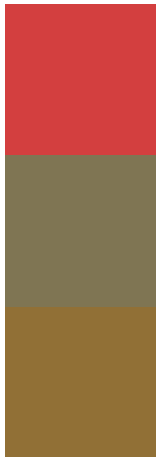


This preview shows how white text looks on a background with the Hex color D33F3F.

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
D33F3F

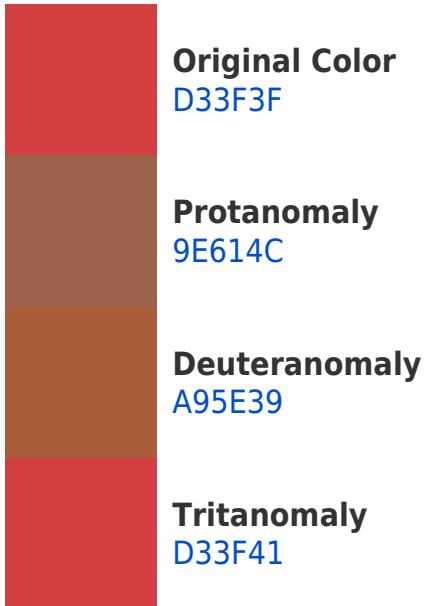
Protanopia
7F7553

Deuteranopia
917036



Tritanopia
D33F42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D33F3F 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 #D33F3F looks like.

```
.text, #text, p{  
    color:#D33F3F  
}
```

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 #D33F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33F3F
}
```

Border

The CSS property to change the border of an element to Hex D33F3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

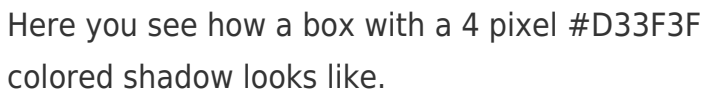
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D33F3F }
```

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

```
.border{ border-color:#D33F3F }
```

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



Here you see how a box with a 4 pixel `#D33F3F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33F3F; -webkit-box-shadow:4px 4px  
4px 4px #D33F3F; box-shadow:4px 4px 4px  
4px #D33F3F }
```

Background

The CSS property to change the background color of an element to Hex D33F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33F3F }
```

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

```
.background{ background-color:#D33F3F }
```

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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