

Converting Colors

Hex(DF3F33)

Have a look what the booklet for
Hex(DF3F33) contains.

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Color

Hex(**DF3F33**)

Conversions

Conversions Part 1

Format	Color
Hex	DF3F33
RGB	223, 63, 51
RGB Percent	87%, 25%, 20%
CMY	0.1255, 0.7529, 0.8000
CMYK	0.00, 0.72, 0.77, 0.13
HSL	4°, 73%, 54%
HSV	4°, 77%, 87%
XYZ	32.8065, 19.4820, 5.1633
YIQ	109.4720, 99.2120, 30.1880

Conversions

Conversions Part 2

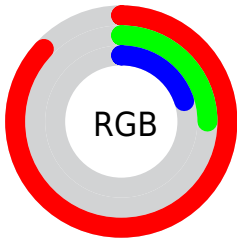
Format	Color
R_{YB}	223, 64, 51
Decimal	14630707
CIE Lab	51.25, 60.88, 43.55
CIE LCh	51, 74.852, 35.579
Yxy	19.4820, 0.5710, 0.3391
Android (android.graphics.Color)	4292820787 (0xFFDF3F33)
YUV	109.4720, -28.8267, 99.5641
Hunter-Lab	44.1384, 55.4303, 23.9612

Details

The Hex color **DF3F33** 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 **33D3DF**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7963**, and **9F0006** is the 20% darker color. If you saturate the color by 10%, you get **DF2A1D**, and if you desaturate by 10%, it is **DF5449**.

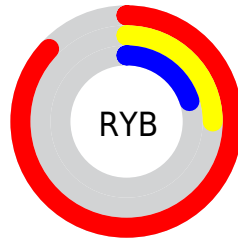
Distribution



Red (87%)

Green (25%)

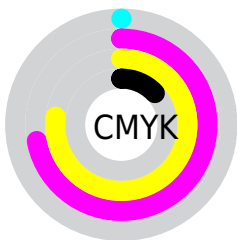
Blue (20%)



Red (87%)

Yellow (25%)

Blue (20%)

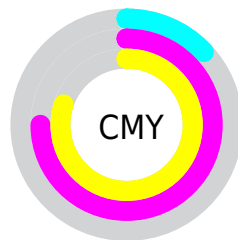


Cyan (0%)

Magenta (72%)

Yellow (77%)

Black (13%)



Cyan (13%)

Magenta (75%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF3F33 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 DF3F33 by changing the saturation by 10% instead.

 DF3F33

 DF3F33

FFFFFF

 BF1C1C

 FF7963

 9F0006

 FF957C

 800000

 FFB296

 610000

 FFCFB1

 450003

 FFECCD

 250001

 FFFFEE9

 000000

 DF3F33

 DF3F33

 DF2A1D

 DF5449

 DF1606

 DF6860

 DF1000

 DF7D76

 DF928C

 DFA7A3

 DFBBB9

 DFD0CF

 DFE5E5

 DFFAFC

Harmonies

Analogous

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



E82271



DF3F33



BD6200

Triad

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



DF3F33



009241



007FFB

Complementary

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



DF3F33



33D3DF

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.



008FEF



DF3F33



009585

Square

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



DF3F33



448B00



0095C4



8663E3

Rectangle

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



DF3F33



9C7400



0095C4



0085FB

Sweetspot

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



DF3F33



FFC8C4



DF33D4



805E5C



000000



808080

Same Dimension

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



DF3F33



FF2212



DF9433



706665



B00C00



300300

Inverse Universe

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



33D3DF



12EEFF



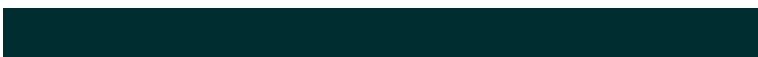
337EDF



656F70



00A4B0



002D30

Previews

White Background



This preview shows how the Hex color DF3F33 looks on a white background.

Color Contrast Check

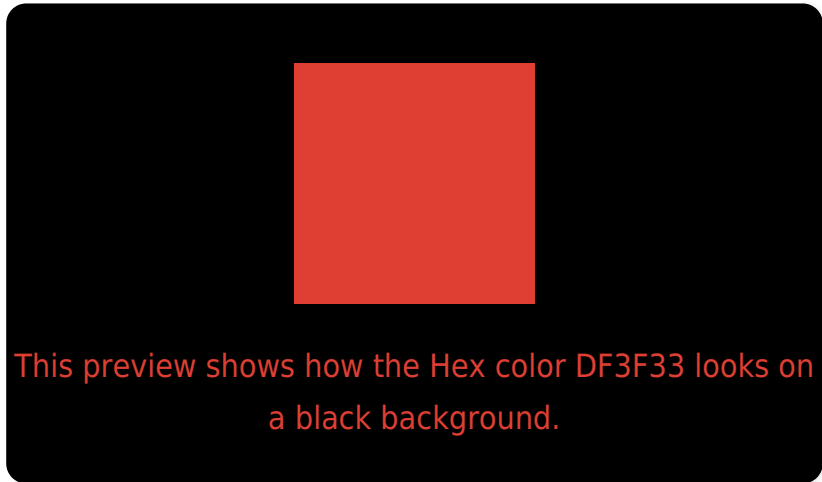
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF3F33 Background



This preview shows how black text looks on a background with the Hex color DF3F33.



This preview shows how white text looks on a background with the Hex color DF3F33.

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
DF3D40

Trichromacy



Original Color
DF3F33

Protanomaly
A7653E

Deuteranomaly
B3612B

Tritanomaly
DF3E3B

Monochromacy



Original Color
DF3F33

Achromatopsia
6D6D6D

Achromatomaly
965C58

CSS Examples

Text

The CSS property to change the color of the text to Hex DF3F33 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 #DF3F33 looks like.

```
.text, #text, p{  
    color:#DF3F33  
}
```

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 #DF3F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF3F33  
}
```

Border

The CSS property to change the border of an element to Hex DF3F33 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  
#DF3F33 }
```

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

```
.border{ border-color:#DF3F33 }
```

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

Here you see how a box with a 4 pixel #DF3F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF3F33; -webkit-box-shadow:4px 4px  
4px 4px #DF3F33; box-shadow:4px 4px 4px  
4px #DF3F33 }
```

Background

The CSS property to change the background color of an element to Hex DF3F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF3F33 }
```

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

```
.background{ background-color:#DF3F33 }
```

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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