

# Converting Colors

Hex(D02F3C)

Have a look what the booklet for  
Hex(D02F3C) contains.

<b>Hex(D02F3C)</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(D02F3C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D02F3C
RGB	208, 47, 60
RGB Percent	82%, 18%, 24%
CMY	0.1843, 0.8157, 0.7647
CMYK	0.00, 0.77, 0.71, 0.18
HSL	355°, 63%, 50%
HSV	355°, 77%, 82%
XYZ	27.8446, 15.7692, 5.8511
YIQ	96.6210, 91.7830, 38.1750

# Conversions

## Conversions Part 2

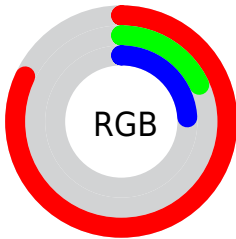
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	208, 47, 60
Decimal	13643580
CIELab	46.67, 61.95, 32.58
CIElCh	47, 69.991, 27.741
Yxy	15.7692, 0.5629, 0.3188
Android (android.graphics.Color)	4291833660 (0xFFD02F3C)
YUV	96.6210, -18.0542, 97.6794
Hunter-Lab	39.7104, 55.6692, 19.0612

# Details

The Hex color **D02F3C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2FD0C3**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6B6B**, and **910012** is the 20% darker color. If you saturate the color by 10%, you get **D01A29**, and if you desaturate by 10%, it is **D0444F**.

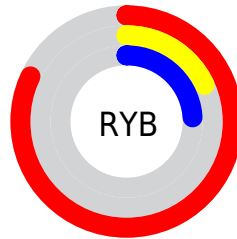
# Distribution



Red (82%)

Green (18%)

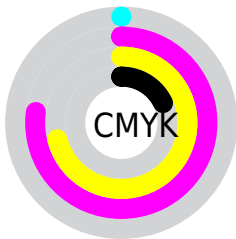
Blue (24%)



Red (82%)

Yellow (18%)

Blue (24%)

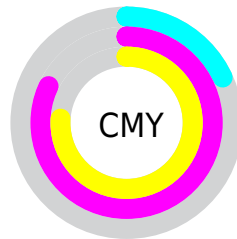


Cyan (0%)

Magenta (77%)

Yellow (71%)

Black (18%)



Cyan (18%)

Magenta (82%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D02F3C 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 D02F3C by changing the saturation by 10% instead.



 D02F3C

 D02F3C

FFFFFF

 B10026

 FF6B6B

 910012

 FF8885

 730000

 FFA49F

 540001

 FFC1BA

 380002

 FFDED6

 0C0000

 FFFCF2

 000000

 D02F3C

 D02F3C

 D01A29

 D0444F

 D00516

 D05962

 D00011

 D06D75

 D08288

 D0979C

 D0ACAF

 D0C1C2

 D0D5D5

 D0EAE8

# Harmonies

## Analogous

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



D11F76



D02F3C



B65100

# Triad

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



D02F3C



008329



0078E5

# Complementary

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



D02F3C



2FD0C3

# 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.



0084D2



D02F3C



008768

# Square

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



D02F3C



517B00



0088A4



5C61D8

# Rectangle

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



D02F3C



9A6300



0088A4



007DE3



# Sweetspot

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



D02F3C



FFC4C9



C32FD0



805C5F



000000



808080



# Same Dimension

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



D02F3C



FF1225



D0722F



695E5F



A8000E



290003



# Inverse Universe

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



D02F3C



FF1225



2F8DD0



695E5F



A8000E



290003



# Previews

## White Background



This preview shows how the Hex color D02F3C looks on a white background.

## Color Contrast Check

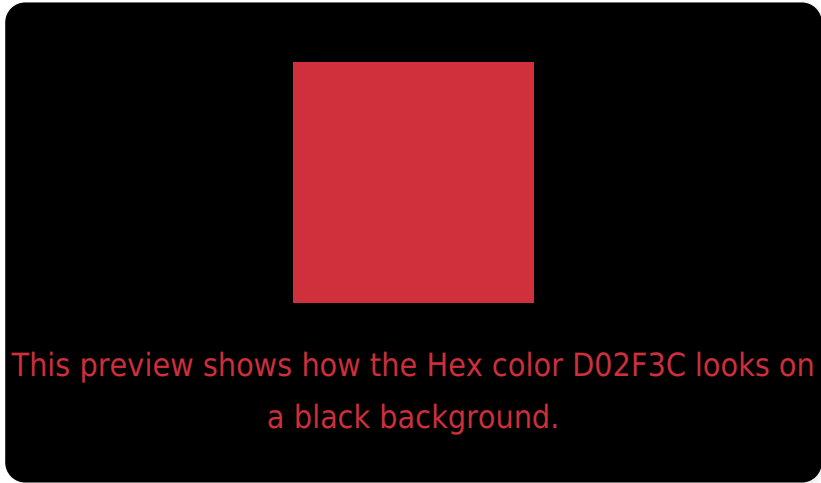
Large Text (above 18pt) WCAG AA ✓ Pass

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 D02F3C Background



This preview shows how black text looks on a background with the Hex color D02F3C.

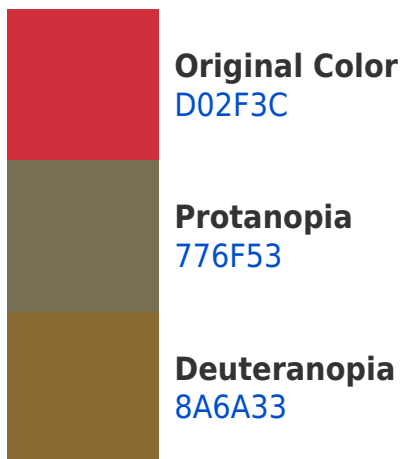


This preview shows how white text looks on a background with the Hex color D02F3C.

# 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





# Trichromacy



**Original Color**  
D02F3C

**Protanomaly**  
97584B

**Deuteranomaly**  
A35536

**Tritanomaly**  
D03036

# Monochromacy



**Original Color**  
D02F3C

**Achromatopsia**  
616161

**Achromatomaly**  
894F54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D02F3C 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 #D02F3C looks like.

```
.text, #text, p{  
    color:#D02F3C  
}
```

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 #D02F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D02F3C
}
```

## Border

The CSS property to change the border of an element to Hex D02F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

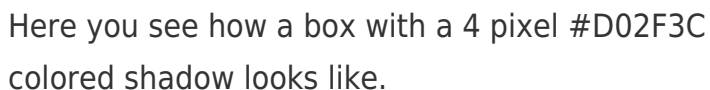
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D02F3C }
```

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

```
.border{ border-color:#D02F3C }
```

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



Here you see how a box with a 4 pixel `#D02F3C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D02F3C; -webkit-box-shadow:4px 4px  
4px 4px #D02F3C; box-shadow:4px 4px 4px  
4px #D02F3C }
```

# Background

The CSS property to change the background color of an element to Hex D02F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D02F3C }
```

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

```
.background{ background-color:#D02F3C }
```

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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