

Converting Colors

Hex(DF002C)

Have a look what the booklet for
Hex(DF002C) contains.

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Color

Hex(DF002C)

Conversions

Conversions Part 1

Format	Color
Hex	DF002C
RGB	223, 0, 44
RGB Percent	87%, 0%, 17%
CMY	0.1255, 1.0000, 0.8275
CMYK	0.00, 1.00, 0.80, 0.13
HSL	348°, 100%, 44%
HSV	348°, 100%, 87%
XYZ	30.8860, 15.8698, 3.8182
YIQ	71.6930, 118.7840, 60.9600

Conversions

Conversions Part 2

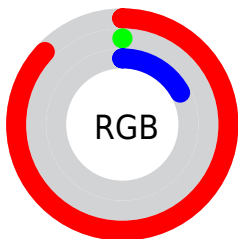
Format	Color
RYB	223, 0, 44
Decimal	14614572
CIELab	46.80, 73.05, 42.82
CIElCh	47, 84.672, 30.378
Yxy	15.8698, 0.6107, 0.3138
Android (android.graphics.Color)	4292804652 (0xFFDF002C)
YUV	71.6930, -13.6526, 132.6962
Hunter-Lab	39.8369, 68.6785, 22.2032

Details

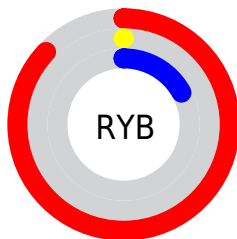
The Hex color **DF002C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00DFB3**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5A5A**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DF002C**, and if you desaturate by 10%, it is **DF163E**.

Distribution



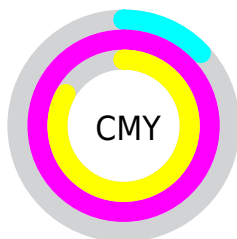
- Red (87%)
- Green (0%)
- Blue (17%)



- Red (87%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (13%)



- Cyan (13%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF002C 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 DF002C by changing the saturation by 10% instead.

 DF002C

 DF002C

FFFFFF

 BE0017

 FF5A5A

 9E0000

 FF7973

 7E0000

 FF968D

 5E0002

 FFB4A7

 400003

 FFD2C3

 1E0001

 FFF0DF

 000000

 FFFFFB

 DF002C

 DF163E

 DF2D50

 DF4362

 DF5974

 DF7085

 DF8697

 DF9CA9

 DFB2BB

 DFC9CD

Harmonies

Analogous

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



E40071



DF002C



BD4C00

Triad

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



DF002C



00871E



0079FF

Complementary

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



DF002C



00DFB3

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.



0087EC



DF002C



008B6E

Square

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



DF002C



3C7F00



008CB6



5E5BEC

Rectangle

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



DF002C



9B6400



008CB6



007FFE

Sweetspot

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



DF002C



FFB3C2



B200DF



80525B



000000



808080

Same Dimension

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



DF002C



FF0032



DF4300



706567



B00023



30000A

Inverse Universe

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



DF002C



FF0032



009CDF



706567



B00023



30000A

Previews

White Background



This preview shows how the Hex color DF002C looks on a white background.

Color Contrast Check

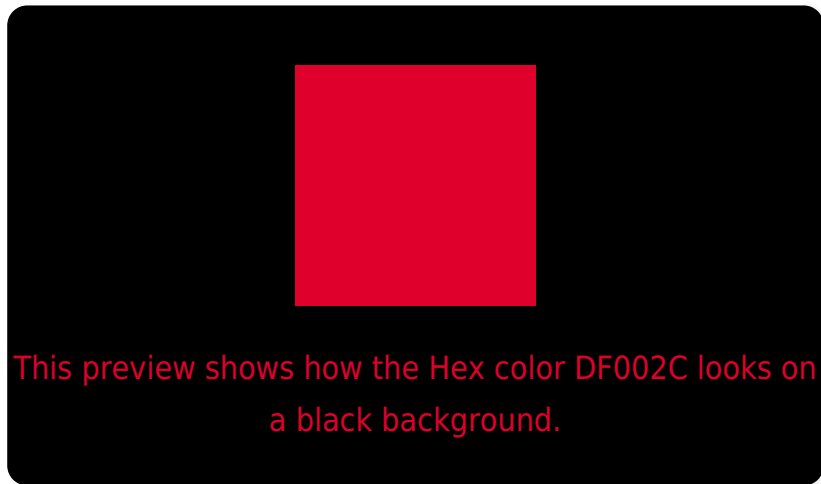
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF002C Background



This preview shows how black text looks on a background with the Hex color DF002C.



This preview shows how white text looks on a background with the Hex color DF002C.

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
DF002C

Protanopia
7B7144

Deuteranopia
8E6B1B



Tritanopia
DE1400

Trichromacy



Original Color
DF002C



Protanomaly
9F483B



Deuteranomaly
AB4421



Tritanomaly
DE0D10

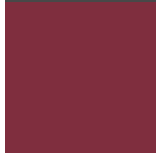
Monochromacy



Original Color
DF002C



Achromatopsia
484848



Achromatomaly
7F2E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex DF002C 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 #DF002C looks like.

```
.text, #text, p{  
    color:#DF002C  
}
```

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 #DF002C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF002C }  
}
```

Border

The CSS property to change the border of an element to Hex DF002C is called "border". The border property can be set on classes, ids or directly on the HTML element.

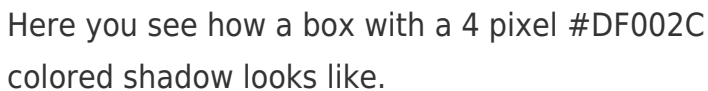
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #DF002C }  
}
```

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

```
.border{ border-color:#DF002C }
```

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



Here you see how a box with a 4 pixel `#DF002C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF002C; -webkit-box-shadow:4px 4px  
4px 4px #DF002C; box-shadow:4px 4px 4px  
4px #DF002C }
```

Background

The CSS property to change the background color of an element to Hex DF002C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF002C }
```

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

```
.background{ background-color:#DF002C }
```

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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