

Converting Colors

Hex(DF172D)

Have a look what the booklet for
Hex(DF172D) contains.

Hex(DF172D)	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(DF172D)

Conversions

Conversions Part 1

Format	Color
Hex	DF172D
RGB	223, 23, 45
RGB Percent	87%, 9%, 18%
CMY	0.1255, 0.9098, 0.8235
CMYK	0.00, 0.90, 0.80, 0.13
HSL	353°, 81%, 48%
HSV	353°, 90%, 87%
XYZ	31.2115, 16.4902, 4.0205
YIQ	85.3080, 112.1380, 49.2420

Conversions

Conversions Part 2

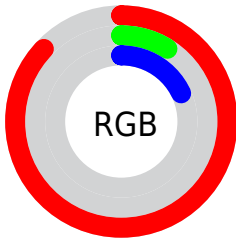
Format	Color
RYB	223, 23, 45
Decimal	14620461
CIELab	47.61, 70.77, 43.07
CIELCh	48, 82.847, 31.328
Yxy	16.4902, 0.6034, 0.3188
Android (android.graphics.Color)	4292810541 (0xFFDF172D)
YUV	85.3080, -19.8718, 120.7559
Hunter-Lab	40.6082, 66.1310, 22.5555

Details

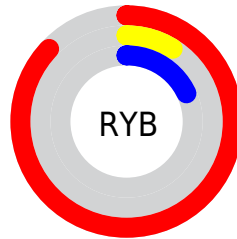
The Hex color **DF172D** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **17DFC9**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF605C**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DF0119**, and if you desaturate by 10%, it is **DF2D41**.

Distribution



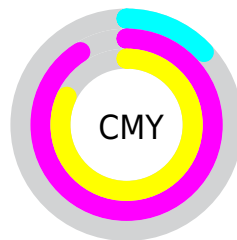
- Red (87%)
- Green (9%)
- Blue (18%)



- Red (87%)
- Yellow (9%)
- Blue (18%)



- Cyan (0%)
- Magenta (90%)
- Yellow (80%)
- Black (13%)



- Cyan (13%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF172D 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 DF172D by changing the saturation by 10% instead.

 DF172D

 DF172D

FFFFFFF

 BE0017

 FF605C

 9E0000

 FF7E75

 7E0000

 FF9C8E

 5F0002

 FFB9A9

 410003

 FFD7C4

 1F0001

 FFF5E0

 000000

FFFFFFD

 DF172D

 DF172D

■ DF0119

■ DF2D41

■ DF0019

■ DF4455

■ DF5A69

■ DF707C

■ DF8690

■ DF9DA4

■ DFB3B8

■ DFC9CC

■ DFE0E0

Harmonies

Analogous

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



E50071



DF172D



BC5100

Triad

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



DF172D



008926



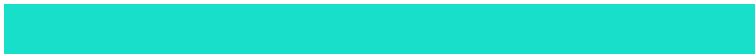
007AFF

Complementary

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



DF172D



17DFC9

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.



0089ED



DF172D



008D72

Square

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



DF172D



3D8100



008DB9



675CEA

Rectangle

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



DF172D



9B6700



008DB9



0080FD

Sweetspot

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



DF172D



FFBAC2



C817DF



80575B



000000



808080

Same Dimension

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



DF172D



FF001C



DF6417



706566



B00013



300005

Inverse Universe

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



DF172D



FF001C



1792DF



706566



B00013



300005

Previews

White Background



This preview shows how the Hex color DF172D 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 DF172D Background



This preview shows how black text looks on a background with the Hex color DF172D.



This preview shows how white text looks on a background with the Hex color DF172D.

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
DF172D

Protanopia
7D7244

Deuteranopia
8F6C1D



Tritanopia
DF1C17

Trichromacy



Original Color
DF172D

Protanomaly
A1513C

Deuteranomaly
AC4D23

Tritanomaly
DF1A1F

Monochromacy



Original Color
DF172D

Achromatopsia
555555

Achromatomaly
873E46

CSS Examples

Text

The CSS property to change the color of the text to Hex DF172D 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 #DF172D looks like.

```
.text, #text, p{  
    color:#DF172D  
}
```

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 #DF172D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF172D
}
```

Border

The CSS property to change the border of an element to Hex DF172D 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".

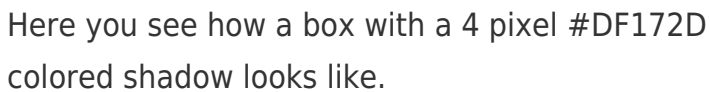
```
.border, #border, table{ border:4px solid
#DF172D }
```

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

```
.border{ border-color:#DF172D }
```

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

Here you see how a box with a 4 pixel #DF172D colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #DF172D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF172D; -webkit-box-shadow:4px 4px  
4px 4px #DF172D; box-shadow:4px 4px 4px  
4px #DF172D }
```

Background

The CSS property to change the background color of an element to Hex DF172D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF172D }
```

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

```
.background{ background-color:#DF172D }
```

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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