

Converting Colors

Hex(DF212C)

Have a look what the booklet for
Hex(DF212C) contains.

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Color

Hex(DF212C)

Conversions

Conversions Part 1

Format	Color
Hex	DF212C
RGB	223, 33, 44
RGB Percent	87%, 13%, 17%
CMY	0.1255, 0.8706, 0.8275
CMYK	0.00, 0.85, 0.80, 0.13
HSL	357°, 75%, 50%
HSV	357°, 85%, 87%
XYZ	31.4299, 16.9575, 3.9995
YIQ	91.0640, 109.7090, 43.7010

Conversions

Conversions Part 2

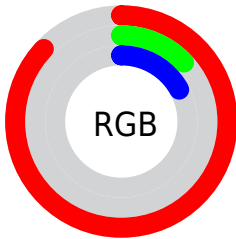
Format	Color
RYB	223, 33, 44
Decimal	14623020
CIELab	48.21, 69.01, 44.22
CIElCh	48, 81.957, 32.651
Yxy	16.9575, 0.6000, 0.3237
Android (android.graphics.Color)	4292813100 (0xFFDF212C)
YUV	91.0640, -23.2026, 115.7079
Hunter-Lab	41.1795, 64.1743, 23.0673

Details

The Hex color **DF212C** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **21DFD4**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF655B**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DF0B17**, and if you desaturate by 10%, it is **DF3741**.

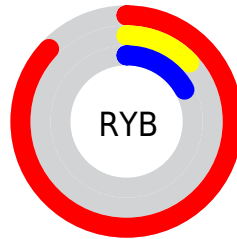
Distribution



Red (87%)

Green (13%)

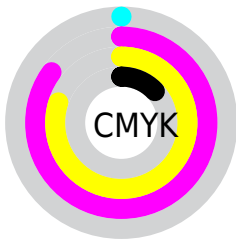
Blue (17%)



Red (87%)

Yellow (13%)

Blue (17%)

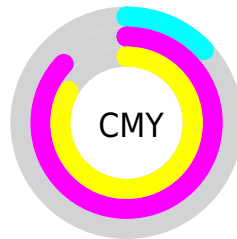


Cyan (0%)

Magenta (85%)

Yellow (80%)

Black (13%)



Cyan (13%)

Magenta (87%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF212C 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 DF212C by changing the saturation by 10% instead.

 DF212C

 DF212C

FFFFFF

 BF0016

 FF655B

 9E0000

 FF8274

 7F0000

 FF9F8E

 5F0001

 FFBD88

 420003

 FFDAC4

 200001

 FFF8E0

 000000

 FFFFFC

 DF212C

 DF212C

■ DF0B17

■ DF3741

■ DF000D

■ DF4E56

■ DF646B

■ DF7A80

■ DF9195

■ DFA7AA

■ DFBDBF

■ DFD3D4

■ DFEAE9

Harmonies

Analogous

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



E60070



DF212C



BC5400

Triad

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



DF212C



008B2C



007AFF

Complementary

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



DF212C



21DFD4

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.



008AEF



DF212C



008E77

Square

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



DF212C



3B8300



008FBC



6F5CE9

Rectangle

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



DF212C



9A6A00



008FBC



0081FE

Sweetspot

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



DF212C



FFBDC1



D221DF



80585A



000000



808080

Same Dimension

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



DF212C



FF000F



DF7321



706566



B0000A



300003

Inverse Universe

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



DF212C



FF000F



218DDF



706566



B0000A



300003

Previews

White Background



This preview shows how the Hex color DF212C 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 DF212C Background



This preview shows how black text looks on a background with the Hex color DF212C.



This preview shows how white text looks on a background with the Hex color DF212C.

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
DF212C

Protanopia
7F7342

Deuteranopia
916D1C

Trichromacy



Original Color
DF212C

Protanomaly
A2553A

Deuteranomaly
AD5122

Tritanomaly
DF2225

Monochromacy



Original Color
DF212C

Achromatopsia
5B5B5B

Achromatomaly
8B464A

CSS Examples

Text

The CSS property to change the color of the text to Hex DF212C 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 #DF212C looks like.

```
.text, #text, p{  
    color:#DF212C  
}
```

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 #DF212C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF212C
}
```

Border

The CSS property to change the border of an element to Hex DF212C is called "border". The border property can be set on classes, ids or directly on the HTML element.

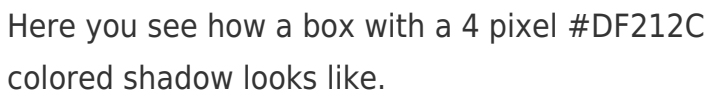
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DF212C }
```

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

```
.border{ border-color:#DF212C }
```

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



Here you see how a box with a 4 pixel `#DF212C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF212C; -webkit-box-shadow:4px 4px  
4px 4px #DF212C; box-shadow:4px 4px 4px  
4px #DF212C }
```

Background

The CSS property to change the background color of an element to Hex DF212C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF212C }
```

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

```
.background{ background-color:#DF212C }
```

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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