

Converting Colors

Hex(DF5947)

Have a look what the booklet for
Hex(DF5947) contains.

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Color

Hex(DF5947)

Conversions

Conversions Part 1

Format	Color
Hex	DF5947
RGB	223, 89, 71
RGB Percent	87%, 35%, 28%
CMY	0.1255, 0.6510, 0.7216
CMYK	0.00, 0.60, 0.68, 0.13
HSL	7°, 70%, 58%
HSV	7°, 68%, 87%
XYZ	35.1411, 23.2877, 8.6041
YIQ	127.0140, 85.6420, 22.8100

Conversions

Conversions Part 2

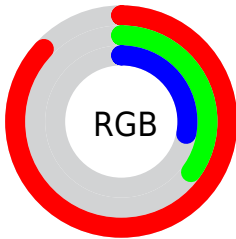
Format	Color
R_{YB}	223, 91, 71
Decimal	14637383
CIE _{Lab}	55.37, 51.25, 37.22
CIE _{LCh}	55, 63.337, 35.993
Yxy	23.2877, 0.5242, 0.3474
Android (android.graphics.Color)	4292827463 (0xFFDF5947)
YUV	127.0140, -27.6149, 84.1797
Hunter-Lab	48.2573, 45.5341, 23.2090

Details

The Hex color **DF5947** 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 **47CDDF**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9078**, and **A1201A** is the 20% darker color. If you saturate the color by 10%, you get **DF4531**, and if you desaturate by 10%, it is **DF6D5D**.

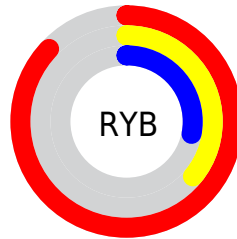
Distribution



Red (87%)

Green (35%)

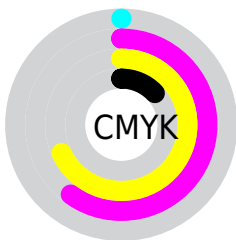
Blue (28%)



Red (87%)

Yellow (36%)

Blue (28%)

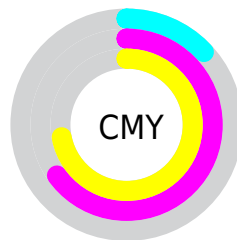


Cyan (0%)

Magenta (60%)

Yellow (68%)

Black (13%)



Cyan (13%)

Magenta (65%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF5947 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 DF5947 by changing the saturation by 10% instead.

 DF5947

 DF5947


FFFFFF

 C03E30

 FF9078

 A1201A

 FFAB92

 830002

 FFC8AD


 650000

 FFE5C8

 470000

 FFFFE4

 2C0001

 000000

 DF5947

 DF5947

 DF4531

 DF6D5D

 DF321A

 DF8074

 DF1E04

 DF948A

 DF1A00

 DFA8A0

 DFBBB7

 DFCFCD

 DFE3E3

 DFF6F9

 DFFFFFF

Harmonies

Analogous

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



E64B7C



DF5947



C17116

Triad

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



DF5947



009B55



0088F2

Complementary

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



DF5947



47CDDF

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.



0096E9



DF5947



009E8E

Square

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



DF5947



5B9320



009DC4



9371DE

Rectangle

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



DF5947



A58000



009DC4



008DF3

Sweetspot

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



DF5947



FFD2CC



DF47CD



806561



000000



808080

Same Dimension

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



DF5947



FF472E



DFA547



706665



B01500



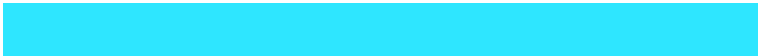
300600

Inverse Universe

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



47CDDF



2EE6FF



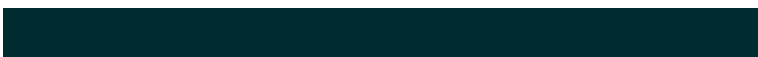
4781DF



656F70



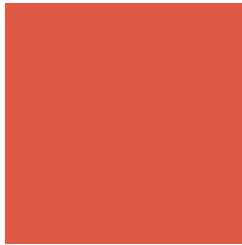
009BB0



002B30

Previews

White Background



This preview shows how the Hex color DF5947 looks on a white background.

Color Contrast Check

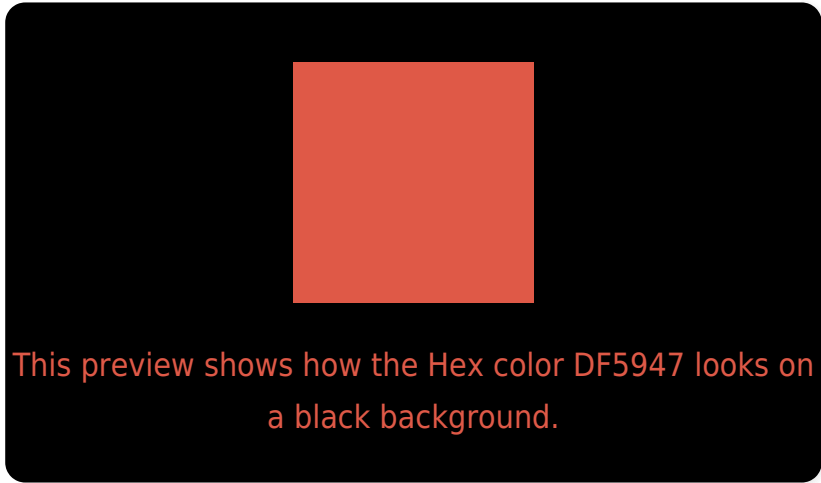
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF5947 Background



This preview shows how black text looks on a background with the Hex color DF5947.



This preview shows how white text looks on a background with the Hex color DF5947.

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
DF5947

Protanopia
918557

Deuteranopia
A47F40



Tritanopia
E0565C

Trichromacy



Original Color
DF5947

Protanomaly
AD7551

Deuteranomaly
B97143

Tritanomaly
E05754

Monochromacy



Original Color
DF5947

Achromatopsia
7F7F7F

Achromatomaly
A2716B

CSS Examples

Text

The CSS property to change the color of the text to Hex DF5947 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 #DF5947 looks like.

```
.text, #text, p{  
    color:#DF5947  
}
```

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 #DF5947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF5947
}
```

Border

The CSS property to change the border of an element to Hex DF5947 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
#DF5947 }
```

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

```
.border{ border-color:#DF5947 }
```

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

Here you see how a box with a 4 pixel #DF5947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF5947; -webkit-box-shadow:4px 4px  
4px 4px #DF5947; box-shadow:4px 4px 4px  
4px #DF5947 }
```

Background

The CSS property to change the background color of an element to Hex DF5947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF5947 }
```

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

```
.background{ background-color:#DF5947 }
```

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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