

# Converting Colors

Hex(DF5639)

Have a look what the booklet for  
Hex(DF5639) contains.

<b>Hex(DF5639)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(DF5639)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF5639
RGB	223, 86, 57
RGB Percent	87%, 34%, 22%
CMY	0.1255, 0.6627, 0.7765
CMYK	0.00, 0.61, 0.74, 0.13
HSL	10°, 72%, 55%
HSV	10°, 74%, 87%
XYZ	34.4977, 22.6390, 6.4224
YIQ	123.6570, 90.9610, 20.0250

# Conversions

## Conversions Part 2

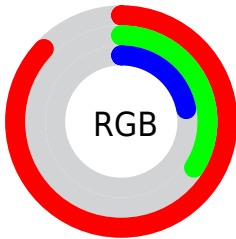
Format	Color
<a href="#">RYB</a>	<a href="#">223, 92, 57</a>
Decimal	<a href="#">14636601</a>
CIELab	<a href="#">54.70, 51.92, 44.04</a>
CIElCh	<a href="#">55, 68.087, 40.303</a>
Yxy	<a href="#">22.6390, 0.5428, 0.3562</a>
Android (android.graphics.Color)	<a href="#">4292826681 (0xFFDF5639)</a>
YUV	<a href="#">123.6570, -32.8619, 87.1238</a>
Hunter-Lab	<a href="#">47.5804, 46.1540, 25.3033</a>

# Details

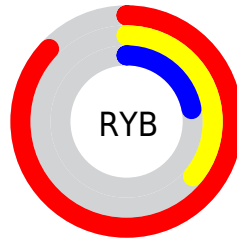
The Hex color **DF5639** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **39C2DF**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF8D6A**, and **A01C0A** is the 20% darker color. If you saturate the color by 10%, you get **DF4423**, and if you desaturate by 10%, it is **DF684F**.

# Distribution



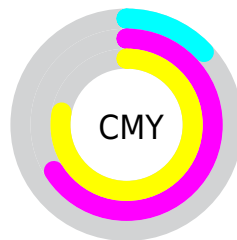
- Red (87%)
- Green (34%)
- Blue (22%)



- Red (87%)
- Yellow (36%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (74%)
- Black (13%)



- Cyan (13%)
- Magenta (66%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF5639 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 DF5639 by changing the saturation by 10% instead.



 DF5639

 DF5639

FFFFFF

 C03A22

 FF8D6A

 A01C0A

 FFA883

 820000

 FFC59E

 630000

 FFE2B9

 460000

 FFFFD5

 2A0001

 FFFFF1

 000000

 DF5639

 DF5639

 DF4423

 DF684F

 DF310C

 DF7B66

 DF2700

 DF8D7C

 DFA092

 DFB2A9

 DFC4BF

 DFD7D5

 DFE9EB

 DFFCFF

# Harmonies

## Analogous

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



EB4271



DF5639



BD7100

# Triad

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



DF5639



009B59



0083F8

# Complementary

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



DF5639



39C2DF

# 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.



0094F2



DF5639



009D96

# Square

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



DF5639



48941A



009CCE



9E69DE

# Rectangle

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



DF5639



9D8100



009CCE



008AFA



# Sweetspot

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



DF5639



FFD1C7



DF39C3



80645E



000000



808080



# Same Dimension

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



DF5639



FF441C



DFA839



706765



B01F00



300800

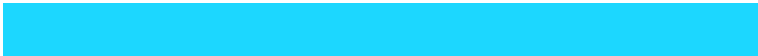


# Inverse Universe

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



39C2DF



1CD7FF



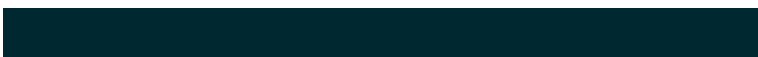
3970DF



656E70



0091B0

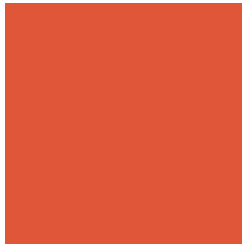


002830



# Previews

## White Background



This preview shows how the Hex color DF5639 looks on a white background.

## Color Contrast Check

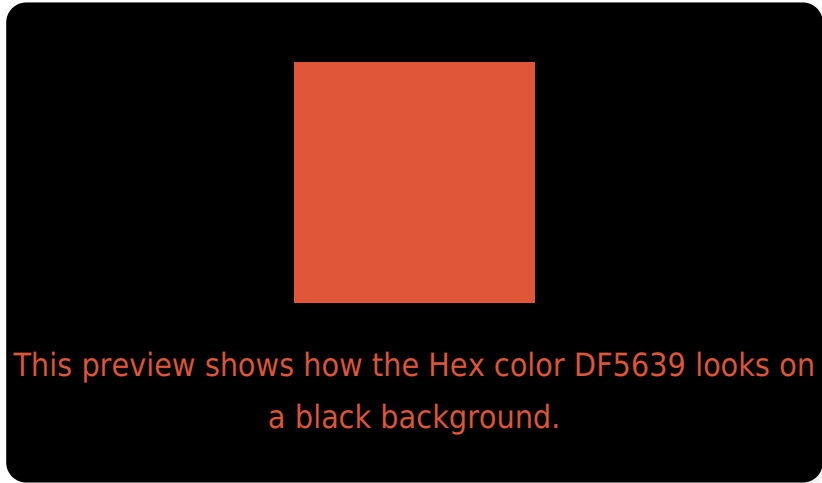
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF5639 Background



This preview shows how black text looks on a background with the Hex color DF5639.



This preview shows how white text looks on a background with the Hex color DF5639.

# 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**  
DF5639

**Protanopia**  
918347

**Deuteranopia**  
A47D30



**Tritanopia**  
E05257

# Trichromacy



**Original Color**  
DF5639

**Protanomaly**  
AD7342

**Deuteranomaly**  
B96F33

**Tritanomaly**  
E0534C

# Monochromacy



**Original Color**  
DF5639

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
A06E64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF5639 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 #DF5639 looks like.

```
.text, #text, p{  
    color:#DF5639  
}
```

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 #DF5639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF5639
}
```

## Border

The CSS property to change the border of an element to Hex DF5639 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".

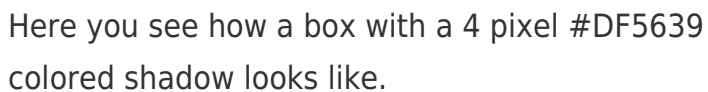
```
.border, #border, table{ border:4px solid
#DF5639 }
```

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

```
.border{ border-color:#DF5639 }
```

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

Here you see how a box with a 4 pixel #DF5639 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF5639; -webkit-box-shadow:4px 4px  
4px 4px #DF5639; box-shadow:4px 4px 4px  
4px #DF5639 }
```

# Background

The CSS property to change the background color of an element to Hex DF5639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF5639 }
```

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

```
.background{ background-color:#DF5639 }
```

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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