

# Converting Colors

Hex(DF6F45)

Have a look what the booklet for  
Hex(DF6F45) contains.

<b>Hex(DF6F45)</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(DF6F45)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF6F45
RGB	223, 111, 69
RGB Percent	87%, 44%, 27%
CMY	0.1255, 0.5647, 0.7294
CMYK	0.00, 0.50, 0.69, 0.13
HSL	16°, 71%, 57%
HSV	16°, 69%, 87%
XYZ	37.1900, 27.4865, 8.9755
YIQ	139.7000, 80.2340, 10.6820

# Conversions

## Conversions Part 2

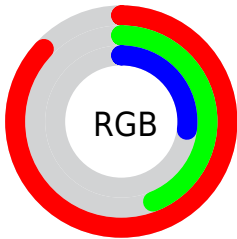
<b>Format</b>	<b>Color</b>
<b>RYB</b>	223, 127, 69
Decimal	14643013
CIELab	59.42, 40.61, 43.00
CIELCh	59, 59.143, 46.633
Yxy	27.4865, 0.5049, 0.3732
Android (android.graphics.Color)	4292833093 (0xFFDF6F45)
YUV	139.7000, -34.8551, 73.0541
Hunter-Lab	52.4276, 34.8725, 26.5490

# Details

The Hex color **DF6F45** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **45B5DF**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA577**, and **A23C16** is the 20% darker color. If you saturate the color by 10%, you get **DF5F2F**, and if you desaturate by 10%, it is **DF7F5B**.

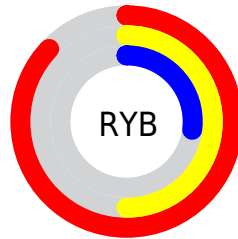
# Distribution



Red (87%)

Green (44%)

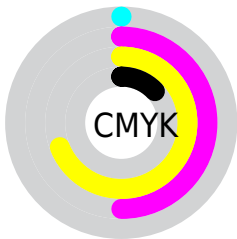
Blue (27%)



Red (87%)

Yellow (50%)

Blue (27%)

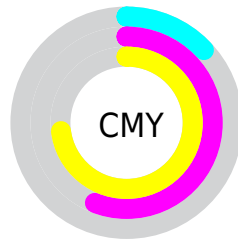


Cyan (0%)

Magenta (50%)

Yellow (69%)

Black (13%)



Cyan (13%)

Magenta (56%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF6F45 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 DF6F45 by changing the saturation by 10% instead.



 DF6F45

 DF6F45

FFFFFF

 C0552D

 FFA577

 A23C16

 FFC091

 842100

 FFDDAC

 660100

 FFFAC7

 490000

 FFFFE4

 310002

 000000

 DF6F45

 DF6F45

 DF5F2F

 DF7F5B

 DF4F18

 DF8F72

 DF3E02

 DFA088

 DF3D00

 DFB09E

 DFC0B4

 DFD0CB

 DFE1E1

 DFF1F7

 DFFFFFF

# Harmonies

## Analogous

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



ED5F74



DF6F45



BD8421

# Triad

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



DF6F45



00A675



628BF3

# Complementary

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



DF6F45



45B5DF

# 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.



009CF4



DF6F45



00A8AB

# Square

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



DF6F45



51A143



00A5DA



B674D7

# Rectangle

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



DF6F45



9F9019



00A5DA



2991F7



# Sweetspot

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



DF6F45



FFD8C9



DF45B6



806860



000000



808080



# Same Dimension

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



DF6F45



FF652B



DFBB45



706865



B03000



300D00



# Inverse Universe

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



45B5DF



2BC5FF



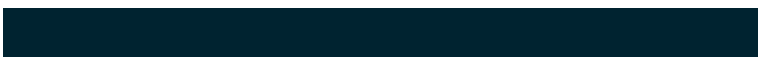
4569DF



656D70



0080B0

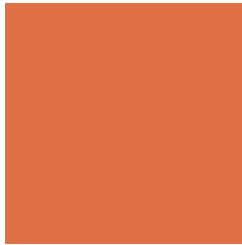


002330



# Previews

## White Background



This preview shows how the Hex color DF6F45 looks on a white background.

## Color Contrast Check

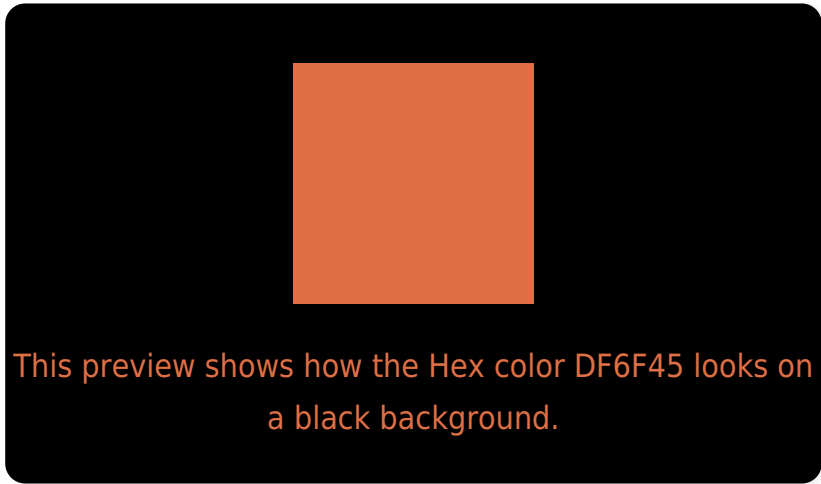
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF6F45 Background



This preview shows how black text looks on a background with the Hex color DF6F45.



This preview shows how white text looks on a background with the Hex color DF6F45.

# 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**  
DF6F45

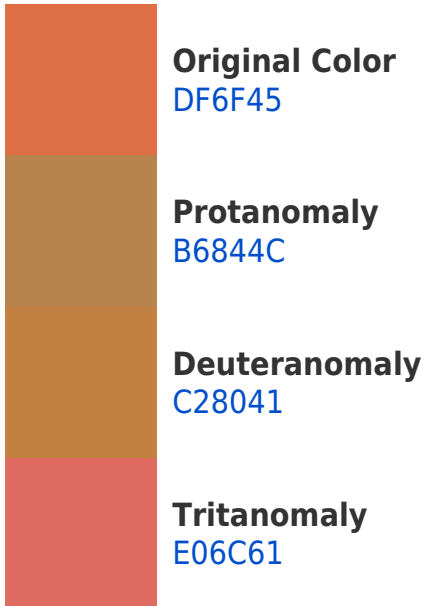
**Protanopia**  
9E9050

**Deuteranopia**  
B2893F

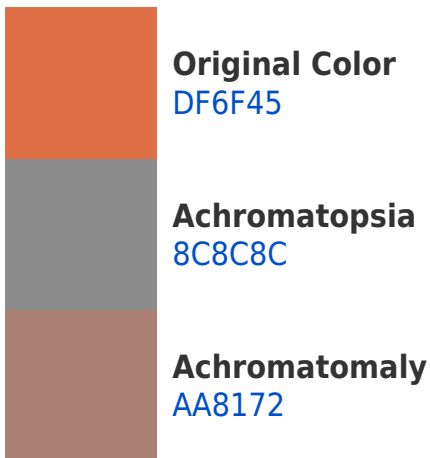


**Tritanopia**  
E16A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF6F45 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 #DF6F45 looks like.

```
.text, #text, p{  
    color:#DF6F45  
}
```

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 #DF6F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF6F45
}
```

## Border

The CSS property to change the border of an element to Hex DF6F45 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
#DF6F45 }
```

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

```
.border{ border-color:#DF6F45 }
```

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

Here you see how a box with a 4 pixel #DF6F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF6F45; -webkit-box-shadow:4px 4px  
4px 4px #DF6F45; box-shadow:4px 4px 4px  
4px #DF6F45 }
```

# Background

The CSS property to change the background color of an element to Hex DF6F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF6F45 }
```

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

```
.background{ background-color:#DF6F45 }
```

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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