

# Converting Colors

Hex(DF7F53)

Have a look what the booklet for  
Hex(DF7F53) contains.

<b>Hex(DF7F53)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DF7F53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF7F53
RGB	223, 127, 83
RGB Percent	87%, 50%, 33%
CMY	0.1255, 0.5020, 0.6745
CMYK	0.00, 0.43, 0.63, 0.13
HSL	19°, 69%, 60%
HSV	19°, 63%, 87%
XYZ	39.5821, 31.4913, 12.1758
YIQ	150.6880, 71.3400, 6.6680

# Conversions

## Conversions Part 2

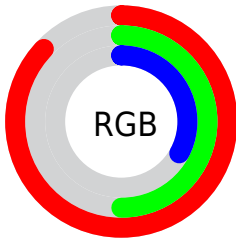
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 147, 83
Decimal	14647123
CIE Lab	62.92, 33.21, 39.71
CIE LCh	63, 51.771, 50.095
Yxy	31.4913, 0.4755, 0.3783
Android (android.graphics.Color)	4292837203 (0xFFDF7F53)
YUV	150.6880, -33.3702, 63.4176
Hunter-Lab	56.1171, 27.7000, 26.4177

# Details

The Hex color **DF7F53** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **53B3DF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB586**, and **A34C24** is the 20% darker color. If you saturate the color by 10%, you get **DF703D**, and if you desaturate by 10%, it is **DF8E69**.

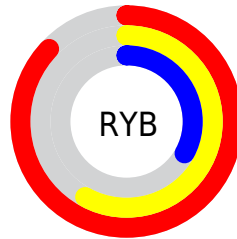
# Distribution



Red (87%)

Green (50%)

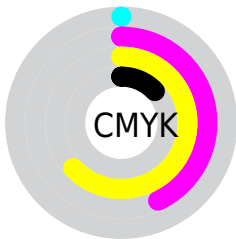
Blue (33%)



Red (87%)

Yellow (58%)

Blue (33%)

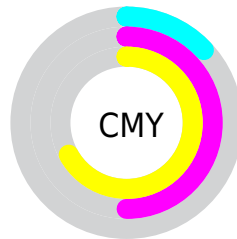


Cyan (0%)

Magenta (43%)

Yellow (63%)

Black (13%)



Cyan (13%)

Magenta (50%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF7F53 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 DF7F53 by changing the saturation by 10% instead.



DF7F53

DF7F53

FFFFFF

C1653B

FFB586

A34C24

FFD1A0

86340C

FFEDBB

691B00

FFFFD7

4C0000

FFFFF4

320000

070000

000000

DF7F53

DF7F53

 DF703D

 DF8E69

 DF6026

 DF9E80

 DF5110

 DFAD96

 DF4600

 DFBCAC

 DFBCB3

 DFDBD9

 DFEAEF

 DFF9FF

 DFFFFFF

# Harmonies

## Analogous

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



EE727B



DF7F53



BF903A

# Triad

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



DF7F53



00AE87



8192EF

# Complementary

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



DF7F53



53B3DF

# 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.



00A2F3



DF7F53



00AFB6

# Square

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



DF7F53



5DA95B



00ABDE



C280D4

# Rectangle

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



DF7F53



A39B38



00ABDE



6298F3



# Sweetspot

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



DF7F53



FFDECF



DF53B5



806B62



000000



808080



# Same Dimension

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



DF7F53



FF7C40



DFC353



706965



B03700



300F00



# Inverse Universe

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



53B3DF



40C3FF



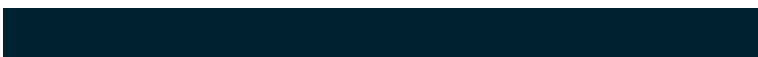
536FDF



656D70



0079B0

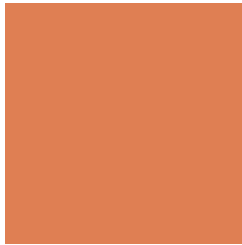


002130



# Previews

## White Background



This preview shows how the Hex color DF7F53 looks on a white background.

## Color Contrast Check

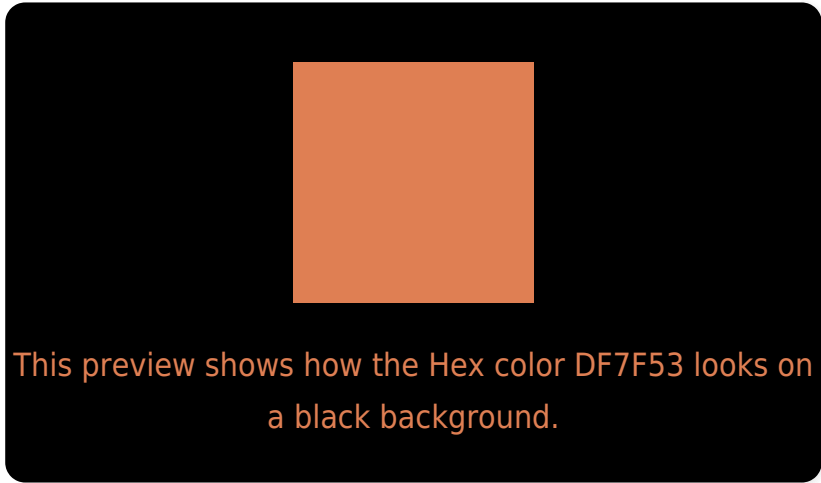
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DF7F53 Background



This preview shows how black text looks on a background with the Hex color DF7F53.

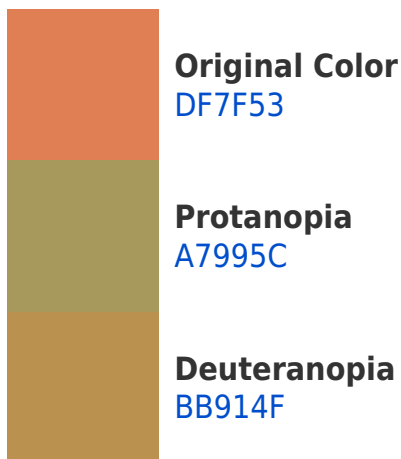


This preview shows how white text looks on a background with the Hex color DF7F53.

# 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](#).

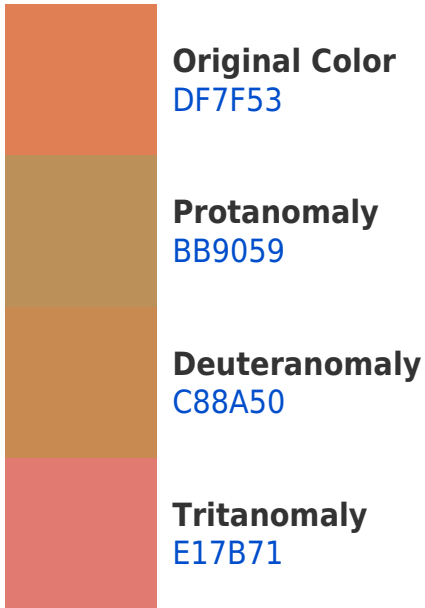
## Dichromacy





**Tritanopia**  
E27982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF7F53 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 #DF7F53 looks like.

```
.text, #text, p{  
    color:#DF7F53  
}
```

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 #DF7F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF7F53
}
```

## Border

The CSS property to change the border of an element to Hex DF7F53 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
#DF7F53 }
```

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

```
.border{ border-color:#DF7F53 }
```

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

Here you see how a box with a 4 pixel #DF7F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF7F53; -webkit-box-shadow:4px 4px  
4px 4px #DF7F53; box-shadow:4px 4px 4px  
4px #DF7F53 }
```

# Background

The CSS property to change the background color of an element to Hex DF7F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF7F53 }
```

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

```
.background{ background-color:#DF7F53 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor