

# Converting Colors

Hex(FD7847)

Have a look what the booklet for  
Hex(FD7847) contains.

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# **Color**

**Hex(FD7847)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FD7847
RGB	253, 120, 71
RGB Percent	99%, 47%, 28%
CMY	0.0078, 0.5294, 0.7216
CMYK	0.00, 0.53, 0.72, 0.01
HSL	16°, 98%, 64%
HSV	16°, 72%, 99%
XYZ	48.3618, 34.7705, 10.1237
YIQ	154.1810, 94.9970, 12.9570

# Conversions

## Conversions Part 2

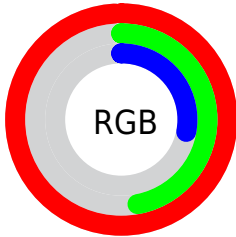
Format	Color
<a href="#">RYB</a>	<a href="#">253, 138, 71</a>
Decimal	<a href="#">16611399</a>
<a href="#">CIELab</a>	<a href="#">65.57, 47.58, 50.03</a>
<a href="#">CIElCh</a>	<a href="#">66, 69.041, 46.440</a>
<a href="#">Yxy</a>	<a href="#">34.7705, 0.5186, 0.3729</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294801479 (0xFFFD7847)</a>
<a href="#">YUV</a>	<a href="#">154.1810, -41.0082, 86.6643</a>
<a href="#">Hunter-Lab</a>	<a href="#">58.9665, 43.2066, 31.0974</a>

# Details

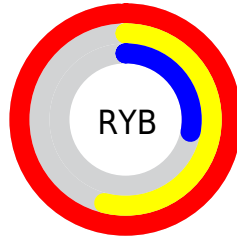
The Hex color **FD7847** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **47CCFD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFAF7A**, and **BE4316** is the 20% darker color. If you saturate the color by 10%, you get **FD662E**, and if you desaturate by 10%, it is **FD8A60**.

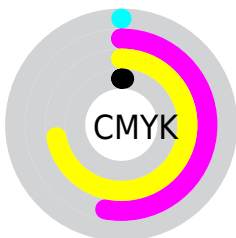
# Distribution



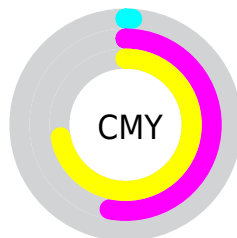
- Red (99%)
- Green (47%)
- Blue (28%)



- Red (99%)
- Yellow (54%)
- Blue (28%)



- Cyan (0%)
- Magenta (53%)
- Yellow (72%)
- Black (1%)



- Cyan (1%)
- Magenta (53%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FD7847 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 FD7847 by changing the saturation by 10% instead.



 FD7847

 FD7847

FFFFFF

 DD5D2F

 FFAF7A

 BE4316

 FFCB94

 9F2700

 FFE8AF

 800100

 FFFF00

 620000

 FFFF00

 450000

 290001

 000000

 FD7847

 FD7847

FD662E

FD8A60

FD5314

FD9D7A

FD4400

FDAF93

FDC2AC

FDD4C6

FDE7DF

FDF9F8

FDFFFF

# Harmonies

## Analogous

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



FF6380



FD7847



D59215

# Triad

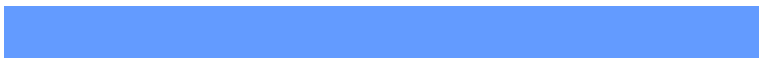
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FD7847



00BA80



639BFF

# Complementary

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



FD7847



47CCFD

# 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.



00AEFF



FD7847



00BCC0

# Square

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



FD7847



53B443



00B9F8



CD7FF5

# Rectangle

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



FD7847



B1A100



00B9F8



00A2FF



# Sweetspot

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



FD7847



FFD6C7



FD47CC



80675E



000000



808080



# Same Dimension

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



FD7847



FF5F24



FDD347



807673



BF3300

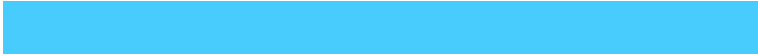


401100



# Inverse Universe

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



47CCFD



24C4FF



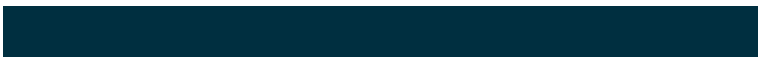
4771FD



737C80



008CBF



002F40



# Previews

## White Background



This preview shows how the Hex color FD7847 looks on a white background.

## Color Contrast Check

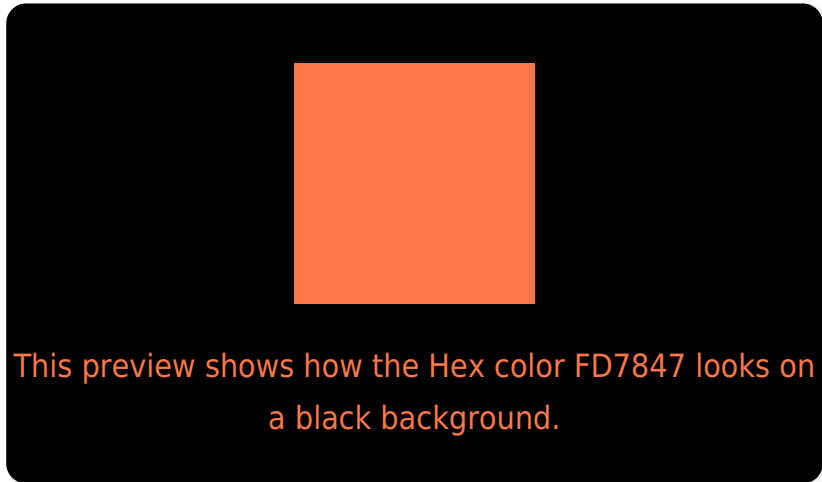
Large Text (above 18pt) WCAG AA × Fail

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 FD7847 Background



This preview shows how black text looks on a background with the Hex color FD7847.



This preview shows how white text looks on a background with the Hex color FD7847.

# 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**  
FD7847

**Protanopia**  
B0A054

**Deuteranopia**  
C7983F



**Tritanopia**  
FF727A

# Trichromacy



**Original Color**  
FD7847

**Protanomaly**  
CC914F

**Deuteranomaly**  
DB8C42

**Tritanomaly**  
FE7467

# Monochromacy



**Original Color**  
FD7847

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
BE8E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FD7847 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 #FD7847 looks like.

```
.text, #text, p{  
    color:#FD7847  
}
```

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 #FD7847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD7847  
}
```

## Border

The CSS property to change the border of an element to Hex FD7847 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  
#FD7847 }
```

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

```
.border{ border-color:#FD7847 }
```

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

Here you see how a box with a 4 pixel #FD7847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD7847; -webkit-box-shadow:4px 4px  
4px 4px #FD7847; box-shadow:4px 4px 4px  
4px #FD7847 }
```

# Background

The CSS property to change the background color of an element to Hex FD7847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD7847 }
```

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

```
.background{ background-color:#FD7847 }
```

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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