

# Converting Colors

Hex(FF7849)

Have a look what the booklet for  
Hex(FF7849) contains.

<b>Hex(FF7849)</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(F77849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7849
RGB	255, 120, 73
RGB Percent	100%, 47%, 29%
CMY	0.0000, 0.5294, 0.7137
CMYK	0.00, 0.53, 0.71, 0.00
HSL	15°, 100%, 64%
HSV	15°, 71%, 100%
XYZ	49.1591, 35.1740, 10.5016
YIQ	155.0070, 95.5470, 14.0030

# Conversions

## Conversions Part 2

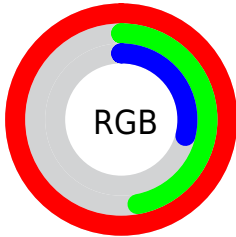
Format	Color
<a href="#">RYB</a>	<a href="#">255, 136, 73</a>
Decimal	<a href="#">16742473</a>
CIELab	<a href="#">65.88, 48.40, 49.46</a>
CIELCh	<a href="#">66, 69.204, 45.618</a>
Yxy	<a href="#">35.1740, 0.5184, 0.3709</a>
Android (android.graphics.Color)	<a href="#">4294932553 (0xFFFF7849)</a>
YUV	<a href="#">155.0070, -40.4295, 87.6939</a>
Hunter-Lab	<a href="#">59.3077, 44.1671, 31.0169</a>

# Details

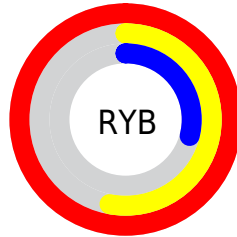
The Hex color **FF7849** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **49D0FF**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFAF7C**, and **C04218** is the 20% darker color. If you saturate the color by 10%, you get **FF6530**, and if you desaturate by 10%, it is **FF8B62**.

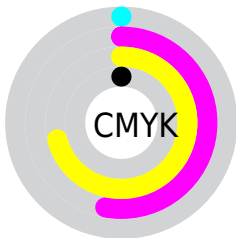
# Distribution



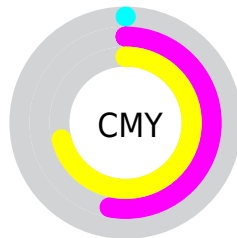
- Red (100%)
- Green (47%)
- Blue (29%)



- Red (100%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7849 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 FF7849 by changing the saturation by 10% instead.



 FF7849

 FF7849

FFFFFF

 DF5D31

 FFAF7C

 C04218

 FFCB96

 A12700

 FFE8B1

 820000

 FFFFCD

 640000

 FFFF E9

 460000

 2B0001

 000000

 FF7849

 FF7849

FF6530

FF8B62

FF5216

FF9E7C

FF4200

FFB195

FFC4AF

FFD7C9

FFE9E2

FFFCFB

FFFFFF

# Harmonies

## Analogous

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



FF6382



FF7849



D79217

# Triad

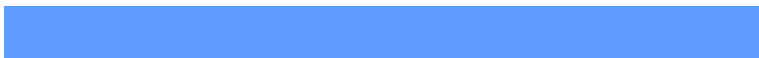
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF7849



00BB7F



5F9CFF

# Complementary

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



FF7849



49D0FF

# 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.



00B0FF



FF7849



00BDC0

# Square

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



FF7849



56B442



00BAF8



CC81F8

# Rectangle

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



FF7849



B4A101



00BAF8



00A4FF

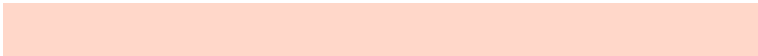


# Sweetspot

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



FF7849



FFD7C9



FF49D2



806860



000000



808080



# Same Dimension

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



FF7849



FF5C24



FFD249



807673



BF3100



401000



# Inverse Universe

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



49D0FF



24C6FF



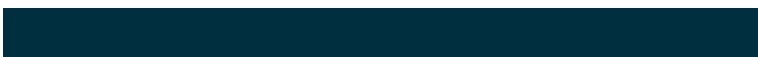
4977FF



737C80



008EBF



002F40



# Previews

## White Background



This preview shows how the Hex color FF7849 looks on a white background.

## Color Contrast Check

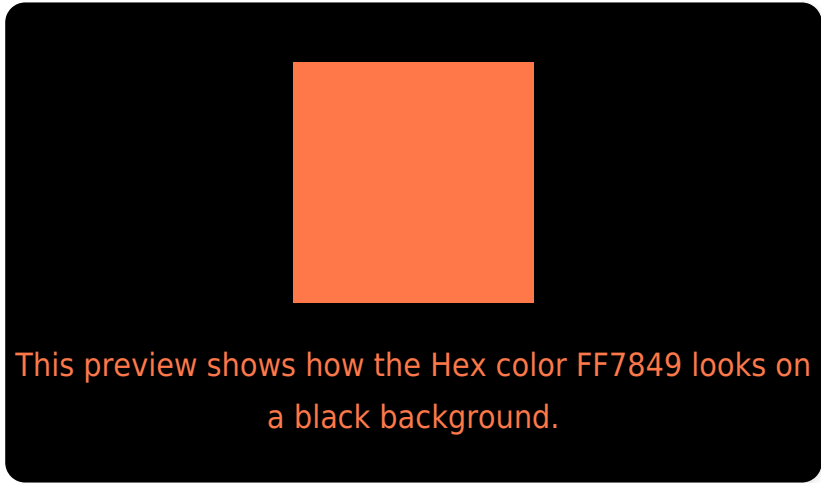
Large Text (above 18pt) WCAG AA × Fail

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 FF7849 Background



This preview shows how black text looks on a background with the Hex color FF7849.

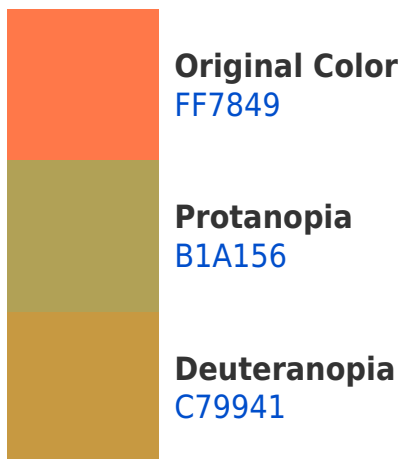


This preview shows how white text looks on a background with the Hex color FF7849.

# 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**  
FF747B

# Trichromacy



**Original Color**  
FF7849



**Protanomaly**  
CD9251



**Deuteranomaly**  
DB8D44



**Tritanomaly**  
FF7569

# Monochromacy



**Original Color**  
FF7849



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
BF8E7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7849 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 #FF7849 looks like.

```
.text, #text, p{  
    color:#FF7849  
}
```

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 #FF7849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7849
}
```

## Border

The CSS property to change the border of an element to Hex FF7849 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
#FF7849 }
```

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

```
.border{ border-color:#FF7849 }
```

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

Here you see how a box with a 4 pixel #FF7849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7849; -webkit-box-shadow:4px 4px  
4px 4px #FF7849; box-shadow:4px 4px 4px  
4px #FF7849 }
```

# Background

The CSS property to change the background color of an element to Hex FF7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7849 }
```

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

```
.background{ background-color:#FF7849 }
```

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