

# Converting Colors

Hex(FE7049)

Have a look what the booklet for  
Hex(FE7049) contains.

<b>Hex(FE7049)</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(FE7049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE7049
RGB	254, 112, 73
RGB Percent	100%, 44%, 29%
CMY	0.0039, 0.5608, 0.7137
CMYK	0.00, 0.56, 0.71, 0.00
HSL	13°, 99%, 64%
HSV	13°, 71%, 100%
XYZ	47.8698, 33.1402, 10.1770
YIQ	150.0120, 97.1510, 17.9750

# Conversions

## Conversions Part 2

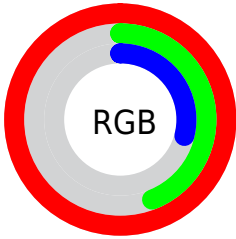
Format	Color
<a href="#">RYB</a>	<a href="#">254, 123, 73</a>
Decimal	<a href="#">16674889</a>
<a href="#">CIELab</a>	<a href="#">64.27, 51.80, 47.64</a>
<a href="#">CIElCh</a>	<a href="#">64, 70.377, 42.603</a>
<a href="#">Yxy</a>	<a href="#">33.1402, 0.5250, 0.3634</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294864969 (0xFFFE7049)</a>
<a href="#">YUV</a>	<a href="#">150.0120, -37.9669, 91.1975</a>
<a href="#">Hunter-Lab</a>	<a href="#">57.5675, 47.6870, 29.8158</a>

# Details

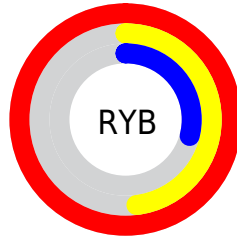
The Hex color **FE7049** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **49D7FE**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA77B**, and **BE3919** is the 20% darker color. If you saturate the color by 10%, you get **FE5C30**, and if you desaturate by 10%, it is **FE8462**.

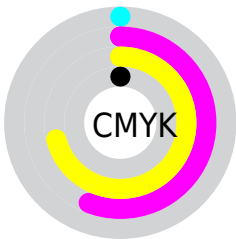
# Distribution



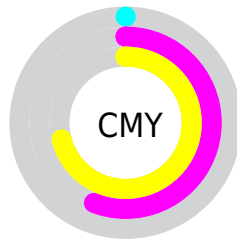
- Red (100%)
- Green (44%)
- Blue (29%)



- Red (100%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (56%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE7049 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 FE7049 by changing the saturation by 10% instead.



 FE7049

 FE7049

FFFFFF

 DE5531

 FFA77B

 BE3919

 FFC396

 9F1A00

 FFE0B1

 810000

 FFFECC

 620000

 FFFFEE

 450001

 280001

 000000

 FE7049

 FE7049

■ FE5C30

■ FE8462

■ FE4816

■ FE987C

■ FE3700

■ FEAC95

■ FEC0AF

■ FED4C8

■ FEE8E1

■ FEFBFB

FEFFFF

# Harmonies

## Analogous

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



FF5C84



FE7049



D88B10

# Triad

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



FE7049



00B774



409AFF

# Complementary

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



FE7049



49D7FE

# 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.



00ADFF



FE7049



00B9B5

# Square

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



FE7049



59AF36



00B6F0



C07FF9

# Rectangle

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



FE7049



B59B00



00B6F0



00A2FF



# Sweetspot

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



FE7049



FFD5C9



FE49DA



806660



000000



808080



# Same Dimension

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



FE7049



FF5324



FEC849



807573



BF2900



400E00

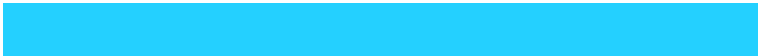


# Inverse Universe

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



49D7FE



24D0FF



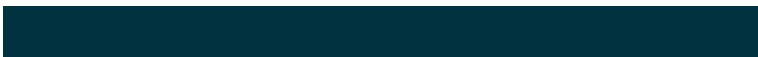
497FFE



737D80



0096BF



003240



# Previews

## White Background



This preview shows how the Hex color FE7049 looks on a white background.

## Color Contrast Check

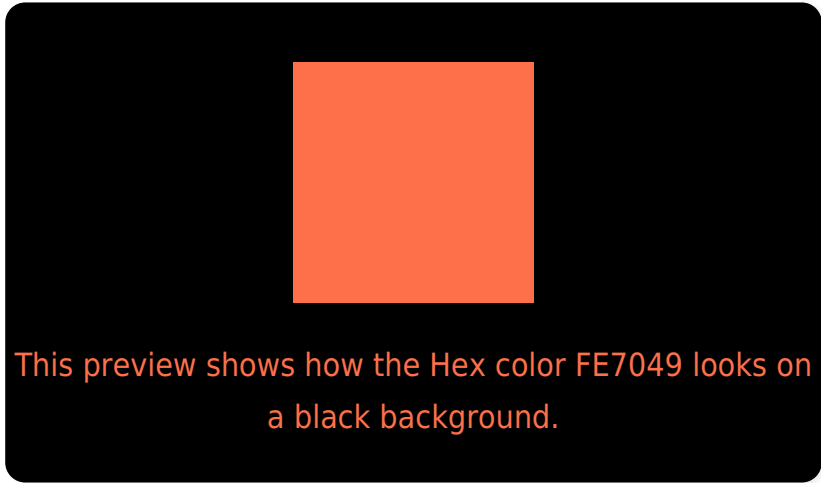
Large Text (above 18pt) WCAG AA × Fail

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 FE7049 Background



This preview shows how black text looks on a background with the Hex color FE7049.



This preview shows how white text looks on a background with the Hex color FE7049.

# 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**  
FE7049

**Protanopia**  
AC9C57

**Deuteranopia**  
C29541



**Tritanopia**  
FF6C73

# Trichromacy



**Original Color**  
FE7049

**Protanomaly**  
CA8C52

**Deuteranomaly**  
D88844

**Tritanomaly**  
FF6D64

# Monochromacy



**Original Color**  
FE7049

**Achromatopsia**  
969696

**Achromatomaly**  
BC887A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE7049 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 #FE7049 looks like.

```
.text, #text, p{  
    color:#FE7049  
}
```

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 #FE7049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE7049
}
```

## Border

The CSS property to change the border of an element to Hex FE7049 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
#FE7049 }
```

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

```
.border{ border-color:#FE7049 }
```

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

Here you see how a box with a 4 pixel #FE7049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE7049; -webkit-box-shadow:4px 4px  
4px 4px #FE7049; box-shadow:4px 4px 4px  
4px #FE7049 }
```

# Background

The CSS property to change the background color of an element to Hex FE7049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE7049 }
```

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

```
.background{ background-color:#FE7049 }
```

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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