

# Converting Colors

Hex(F97335)

Have a look what the booklet for  
Hex(F97335) contains.

|                                                |    |
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**Color**

**Hex(F97335)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | F97335                    |
| RGB           | 249, 115, 53              |
| RGB Percent   | 98%, 45%, 21%             |
| CMY           | 0.0235, 0.5490, 0.7922    |
| CMYK          | 0.00, 0.54, 0.79, 0.02    |
| HSL           | 19°, 94%, 59%             |
| HSV           | 19°, 79%, 98%             |
| XYZ           | 45.8403, 32.6582, 7.2558  |
| YIQ           | 147.9980, 99.7660, 9.1260 |

# Conversions

## Conversions Part 2

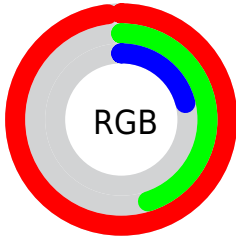
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 249, 144, 53                   |
| Decimal                             | 16347957                       |
| CIE <sub>Lab</sub>                  | 63.88, 47.78, 56.65            |
| CIE <sub>LCh</sub>                  | 64, 74.108, 49.850             |
| Yxy                                 | 32.6582, 0.5346,<br>0.3808     |
| Android<br>(android.graphics.Color) | 4294538037<br>(0xFFFF97335)    |
| YUV                                 | 147.9980, -46.8340,<br>88.5788 |
| Hunter-Lab                          | 57.1474, 43.1742,<br>32.4754   |

# Details

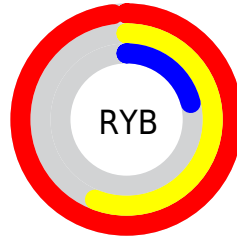
The Hex color **F97335** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **35BBF9**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAA68**, and **B93E00** is the 20% darker color. If you saturate the color by 10%, you get **F9621C**, and if you desaturate by 10%, it is **F9844E**.

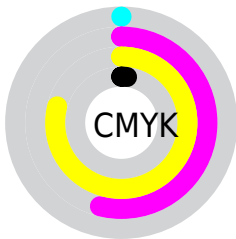
# Distribution



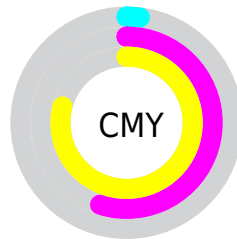
- Red (98%)
- Green (45%)
- Blue (21%)



- Red (98%)
- Yellow (56%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (79%)
- Black (2%)



- Cyan (2%)
- Magenta (55%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F97335 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 F97335 by changing the saturation by 10% instead.



 F97335

 F97335

FFFFFF

 D9581B

 FFAA68

 B93E00

 FFC682

 9A2100

 FFE29D

 7B0000

 FFFFB8

 5D0000

 FFFFD5

 400000

 FFFFF1

 230001

 000000

 F97335

 F97335

 F9621C

 F9844E

 F95103

 F99567

 F94F00

 F9A680

 F9B799

 F9C8B2

 F9D9CA

 F9EAE3

 F9FBFC

 F9FFFF

# Harmonies

## Analogous

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



FF5872



F97335



CC9000

# Triad

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



F97335



00B781



6793FF

# Complementary

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



F97335



35BBF9

# 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.



00A9FF



F97335



00B9C6

# Square

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



F97335



35B13E



00B5FF



D374F1

# Rectangle

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



F97335



A59F00



00B5FF



009CFF

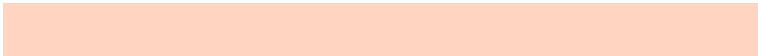


# Sweetspot

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



F97335



FFD5C2



F935BE



80665B



000000



808080



# Same Dimension

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



F97335



FF5B0F



F9D235



7D7470



BD3C00



3D1300



# Inverse Universe

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



35BBF9



0FB3FF



355CF9



70797D



0081BD



002A3D



# Previews

## White Background



This preview shows how the Hex color F97335 looks on a white background.

## Color Contrast Check

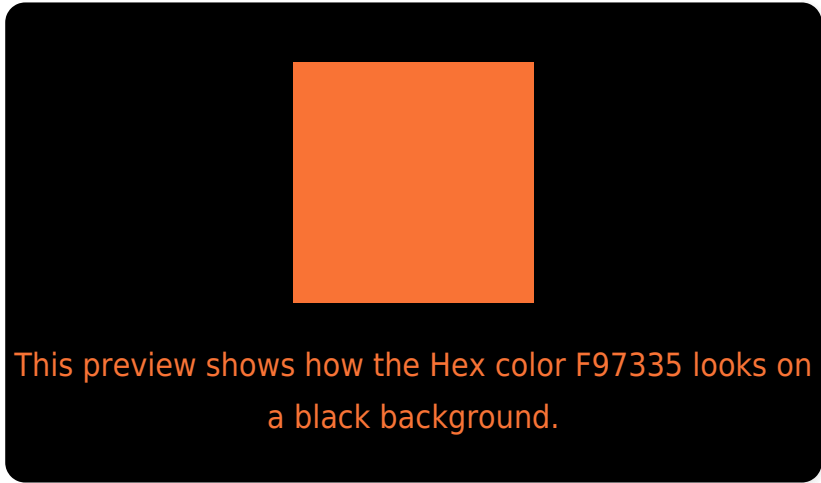
Large Text (above 18pt) WCAG AA × Fail

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 F97335 Background



This preview shows how black text looks on a background with the Hex color F97335.



This preview shows how white text looks on a background with the Hex color F97335.

# 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**  
F97335

**Protanopia**  
AD9B40

**Deuteranopia**  
C3932B



# Trichromacy



**Original Color**  
F97335

**Protanomaly**  
C98C3C

**Deuteranomaly**  
D7872F

**Tritanomaly**  
FB6F5C

# Monochromacy



**Original Color**  
F97335

**Achromatopsia**  
949494

**Achromatomaly**  
B98871

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F97335 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 #F97335 looks like.

```
.text, #text, p{  
    color:#F97335  
}
```

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 #F97335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F97335
}
```

## Border

The CSS property to change the border of an element to Hex F97335 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
#F97335 }
```

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

```
.border{ border-color:#F97335 }
```

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

Here you see how a box with a 4 pixel #F97335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F97335; -webkit-box-shadow:4px 4px  
4px 4px #F97335; box-shadow:4px 4px 4px  
4px #F97335 }
```

# Background

The CSS property to change the background color of an element to Hex F97335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F97335 }
```

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

```
.background{ background-color:#F97335 }
```

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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