

# Converting Colors

Hex(F37B5C)

Have a look what the booklet for  
Hex(F37B5C) contains.

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**Color**

**Hex(F37B5C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F37B5C
RGB	243, 123, 92
RGB Percent	95%, 48%, 36%
CMY	0.0471, 0.5176, 0.6392
CMYK	0.00, 0.49, 0.62, 0.05
HSL	12°, 86%, 66%
HSV	12°, 62%, 95%
XYZ	45.9769, 33.9933, 14.2633
YIQ	155.3460, 81.4710, 15.7990

# Conversions

## Conversions Part 2

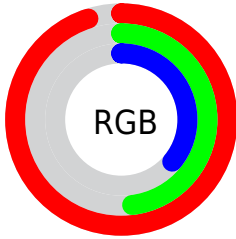
Format	Color
<a href="#">RYB</a>	<a href="#">243, 131, 92</a>
Decimal	<a href="#">15956828</a>
CIELab	<a href="#">64.96, 43.54, 38.01</a>
CIELCh	<a href="#">65, 57.798, 41.116</a>
Yxy	<a href="#">33.9933, 0.4879, 0.3607</a>
Android (android.graphics.Color)	<a href="#">4294146908</a> ( <a href="#">0xFFFF37B5C</a> )
YUV	<a href="#">155.3460, -31.2296, 76.8726</a>
Hunter-Lab	<a href="#">58.3038, 38.7289, 26.3080</a>

# Details

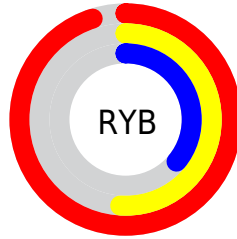
The Hex color **F37B5C** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5CD4F3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB28F**, and **B5472D** is the 20% darker color. If you saturate the color by 10%, you get **F36844**, and if you desaturate by 10%, it is **F38E74**.

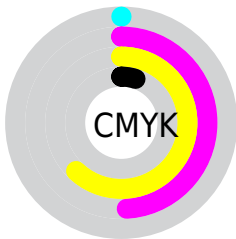
# Distribution



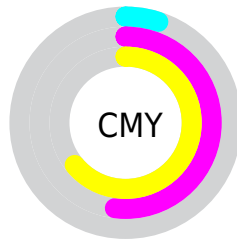
- Red (95%)
- Green (48%)
- Blue (36%)



- Red (95%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (49%)
- Yellow (62%)
- Black (5%)



- Cyan (5%)
- Magenta (52%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F37B5C 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 F37B5C by changing the saturation by 10% instead.



 F37B5C

 F37B5C

FFFFFF

 D46144

 FF28F

 B5472D

 FFCEAA

 972C16

 FFEAC5

 7A0D00

 FFFFE1

 5C0000

FFFFFFE

 400000

 240001

 000000

 F37B5C

 F37B5C

 F36844

 F38E74

 F3542B

 F3A28D

 F34113

 F3B5A5

 F33200

 F3C8BD

 F3DCD5

 F3EFEE

 F3FFFF

# Harmonies

## Analogous

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



FD6F8C



F37B5C



D48F38

# Triad

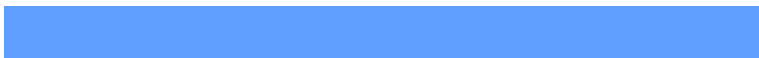
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F37B5C



00B57A



5F9DFF

# Complementary

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



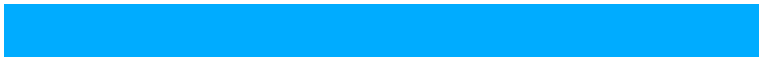
F37B5C



5CD4F3

# 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.



00ACFF



F37B5C



00B7B0

# Square

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



F37B5C



6FAE4B



00B5E0



BA88EC

# Rectangle

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



F37B5C



B89C2E



00B5E0



1EA3FF

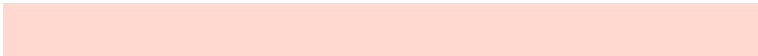


# Sweetspot

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



F37B5C



FFD8CF



F35CD5



806862



000000



808080



# Same Dimension

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



F37B5C



FF6740



F3C65C



7A716E



BA2600



3B0C00



# Inverse Universe

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



5CD4F3



40D8FF



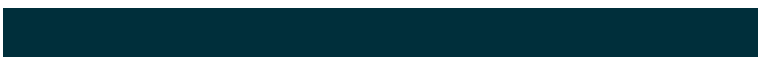
5C89F3



6E787A



0094BA



002F3B



# Previews

## White Background



This preview shows how the Hex color F37B5C looks on a white background.

## Color Contrast Check

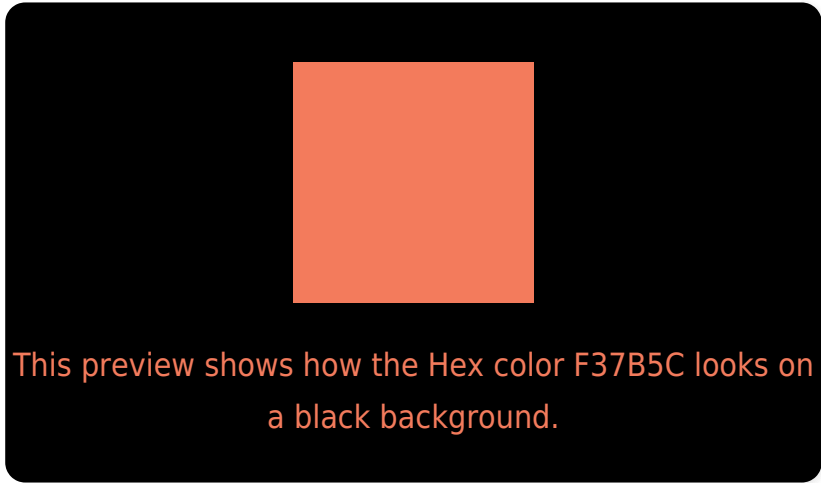
Large Text (above 18pt) WCAG AA × Fail

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 F37B5C Background



This preview shows how black text looks on a background with the Hex color F37B5C.

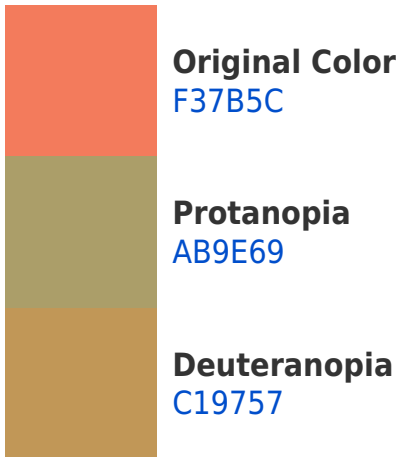



This preview shows how white text looks on a background with the Hex color F37B5C.

# 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**  
F5767F

# Trichromacy



**Original Color**  
F37B5C

**Protanomaly**  
C59164

**Deuteranomaly**  
D38D59

**Tritanomaly**  
F47872

# Monochromacy



**Original Color**  
F37B5C

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
BB8F84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F37B5C 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 #F37B5C looks like.

```
.text, #text, p{  
    color:#F37B5C  
}
```

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 #F37B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F37B5C
}
```

## Border

The CSS property to change the border of an element to Hex F37B5C 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
#F37B5C }
```

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

```
.border{ border-color:#F37B5C }
```

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

Here you see how a box with a 4 pixel #F37B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F37B5C; -webkit-box-shadow:4px 4px  
4px 4px #F37B5C; box-shadow:4px 4px 4px  
4px #F37B5C }
```

# Background

The CSS property to change the background color of an element to Hex F37B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F37B5C }
```

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

```
.background{ background-color:#F37B5C }
```

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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