

# Converting Colors

Hex(F07747)

Have a look what the booklet for  
Hex(F07747) contains.

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# **Color**

**Hex(F07747)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F07747
RGB	240, 119, 71
RGB Percent	94%, 47%, 28%
CMY	0.0588, 0.5333, 0.7216
CMYK	0.00, 0.50, 0.70, 0.06
HSL	17°, 85%, 61%
HSV	17°, 70%, 94%
XYZ	43.6693, 32.1738, 9.8698
YIQ	149.7070, 87.5240, 10.7240

# Conversions

## Conversions Part 2

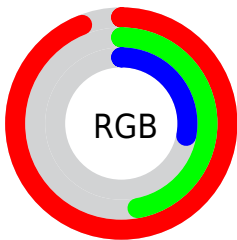
Format	Color
<a href="#">RYB</a>	<a href="#">240, 138, 71</a>
Decimal	<a href="#">15759175</a>
<a href="#">CIELab</a>	<a href="#">63.49, 43.20, 47.20</a>
<a href="#">CIElCh</a>	<a href="#">63, 63.991, 47.532</a>
<a href="#">Yxy</a>	<a href="#">32.1738, 0.5095, 0.3754</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293949255 (0xFFFF07747)</a>
<a href="#">YUV</a>	<a href="#">149.7070, -38.8026, 79.1870</a>
<a href="#">Hunter-Lab</a>	<a href="#">56.7220, 38.1607, 29.3888</a>

# Details

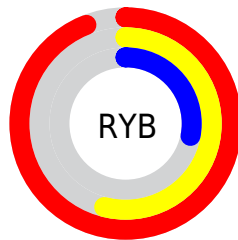
The Hex color **F07747** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **47C0F0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFAD79**, and **B24316** is the 20% darker color. If you saturate the color by 10%, you get **F0662F**, and if you desaturate by 10%, it is **F0885F**.

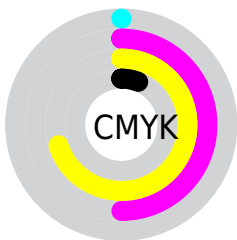
# Distribution



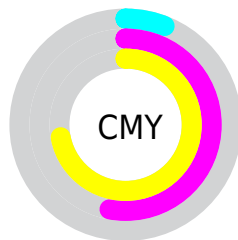
- Red (94%)
- Green (47%)
- Blue (28%)



- Red (94%)
- Yellow (54%)
- Blue (28%)



- Cyan (0%)
- Magenta (50%)
- Yellow (70%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F07747 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 F07747 by changing the saturation by 10% instead.



 F07747

 F07747

FFFFFF

 D15D2F

 FFAD79

 B24316

 FFC994

 932800

 FFE6AF

 750800

 FFFFCA

 580000

 FFFFEE

 3C0000

 1D0001

 000000

 F07747

 F07747

 F0662F

 F0885F

 F05517

 F09977

 F04400

 F0AB8F

 F0BCA7

 F0CDBF

 F0DED7

 F0EFEF

 F0FFFF

# Harmonies

## Analogous

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



FF647B



F07747



CA8E1E

# Triad

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



F07747



00B37F



6B94FF

# Complementary

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



F07747



47C0F0

# 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.



00A7FF



F07747



00B5BA

# Square

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



F07747



52AD48



00B1ED



C67CE7

# Rectangle

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



F07747



A99C15



00B1ED



2B9CFF

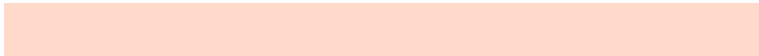


# Sweetspot

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



F07747



FFD9C9



F047C0



806960



000000



808080



# Same Dimension

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



F07747



FF6426



F0CB47



786F6C



B83400



381000



# Inverse Universe

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



47C0F0



26C1FF



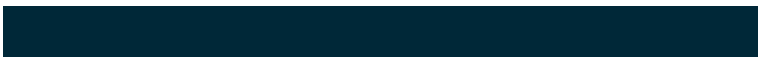
476CF0



6C7478



0083B8



002838



# Previews

## White Background



This preview shows how the Hex color F07747 looks on a white background.

## Color Contrast Check

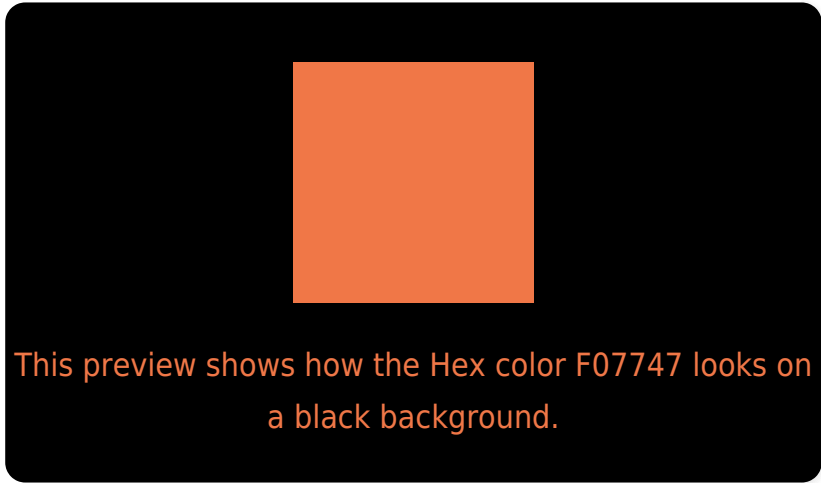
Large Text (above 18pt) WCAG AA × Fail

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 F07747 Background



This preview shows how black text looks on a background with the Hex color F07747.



This preview shows how white text looks on a background with the Hex color F07747.

# 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**  
F07747

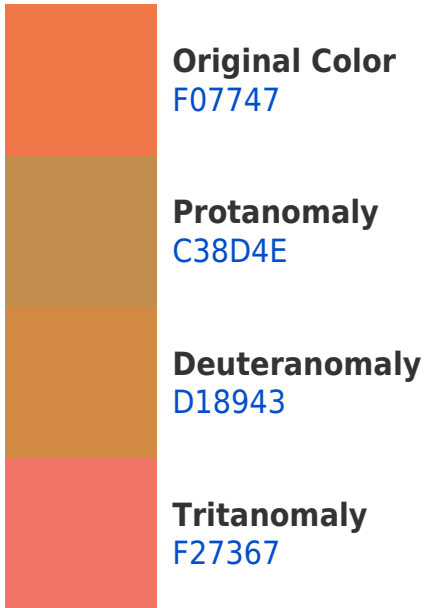
**Protanopia**  
AA9A52

**Deuteranopia**  
BF9341

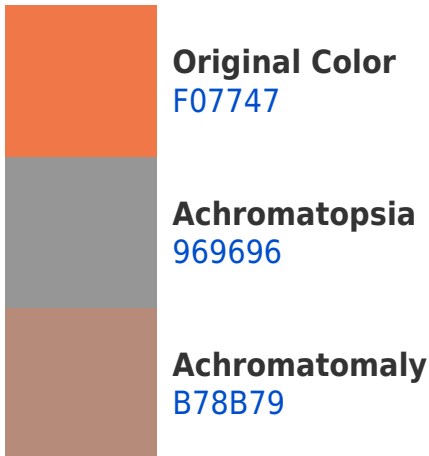


**Tritanopia**  
F37179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F07747 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 #F07747 looks like.

```
.text, #text, p{  
    color:#F07747  
}
```

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 #F07747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F07747
}
```

## Border

The CSS property to change the border of an element to Hex F07747 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
#F07747 }
```

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

```
.border{ border-color:#F07747 }
```

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

Here you see how a box with a 4 pixel #F07747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F07747; -webkit-box-shadow:4px 4px  
4px 4px #F07747; box-shadow:4px 4px 4px  
4px #F07747 }
```

# Background

The CSS property to change the background color of an element to Hex F07747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F07747 }
```

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

```
.background{ background-color:#F07747 }
```

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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