

# Converting Colors

Hex(F47D5E)

Have a look what the booklet for  
Hex(F47D5E) contains.

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# **Color**

**Hex(F47D5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F47D5E
RGB	244, 125, 94
RGB Percent	96%, 49%, 37%
CMY	0.0431, 0.5098, 0.6314
CMYK	0.00, 0.49, 0.61, 0.04
HSL	12°, 87%, 66%
HSV	12°, 61%, 96%
XYZ	46.6622, 34.7085, 14.8297
YIQ	157.0470, 80.8750, 15.5870

# Conversions

## Conversions Part 2

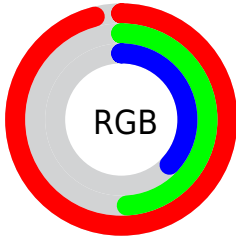
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 133, 94
Decimal	16022878
CIE <sub>Lab</sub>	65.52, 43.05, 37.65
CIE <sub>LCh</sub>	66, 57.196, 41.171
Yxy	34.7085, 0.4851, 0.3608
Android (android.graphics.Color)	4294212958 (0xFFFF47D5E)
YUV	157.0470, -31.0822, 76.2578
Hunter-Lab	58.9139, 38.2800, 26.3153

# Details

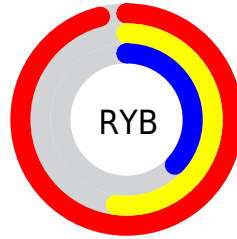
The Hex color **F47D5E** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5ED5F4**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB491**, and **B6492F** is the 20% darker color. If you saturate the color by 10%, you get **F46A46**, and if you desaturate by 10%, it is **F49076**.

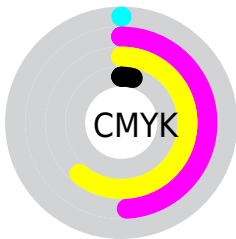
# Distribution



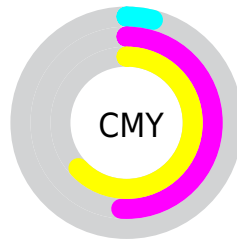
- Red (96%)
- Green (49%)
- Blue (37%)



- Red (96%)
- Yellow (52%)
- Blue (37%)



- Cyan (0%)
- Magenta (49%)
- Yellow (61%)
- Black (4%)



- Cyan (4%)
- Magenta (51%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F47D5E 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 F47D5E by changing the saturation by 10% instead.



 F47D5E

 F47D5E

FFFFFF

 D56346

 FFB491

 B6492F

 FFD0AC

 982E18

 FFEDC7

 7B1100

 FFFFFE3

 5D0000

 410000

 250001

 000000

 F47D5E

 F47D5E

 F46A46

 F49076

 F4562D

 F4A48F

 F44315

 F4B7A7

 F43200

 F4CAC0

 F4DED8

 F4F1F0

 F4FFFF

# Harmonies

## Analogous

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



FD718E



F47D5E



D6913B

# Triad

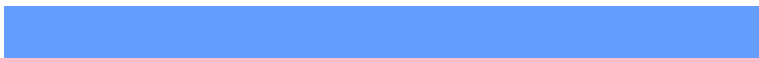
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F47D5E



00B67C



639EFF

# Complementary

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



F47D5E



5ED5F4

# 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.



00AEFF



F47D5E



00B8B1

# Square

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



F47D5E



71AF4E



00B6E1



BB8AED

# Rectangle

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



F47D5E



B99D31



00B6E1



28A4FF



# Sweetspot

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



F47D5E



FFDBD1



F45ED6



806963



000000



808080



# Same Dimension

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



F47D5E



FF6942



F4C75E



7A716E



BA2600



3B0C00



# Inverse Universe

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



5ED5F4



42D8FF



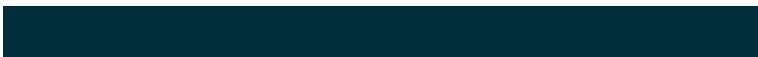
5E8BF4



6E787A



0094BA



002F3B



# Previews

## White Background



This preview shows how the Hex color F47D5E looks on a white background.

## Color Contrast Check

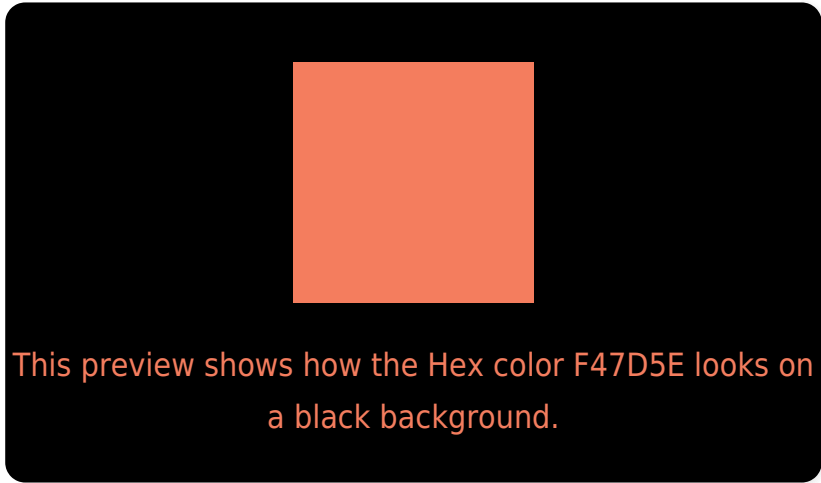
Large Text (above 18pt) WCAG AA × Fail

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 F47D5E Background



This preview shows how black text looks on a background with the Hex color F47D5E.

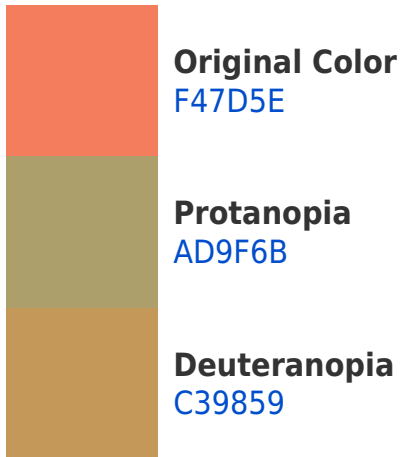


This preview shows how white text looks on a background with the Hex color F47D5E.

# 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](#).

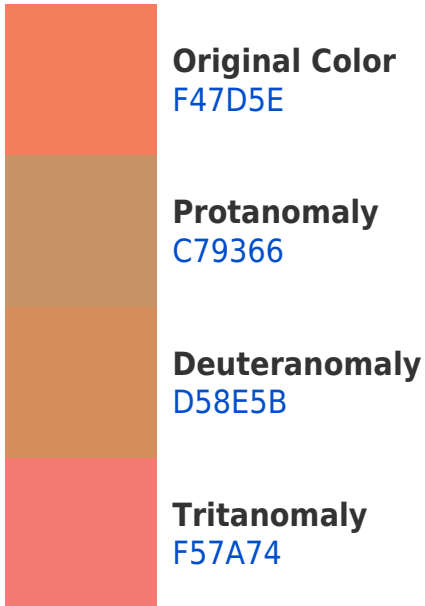
## Dichromacy



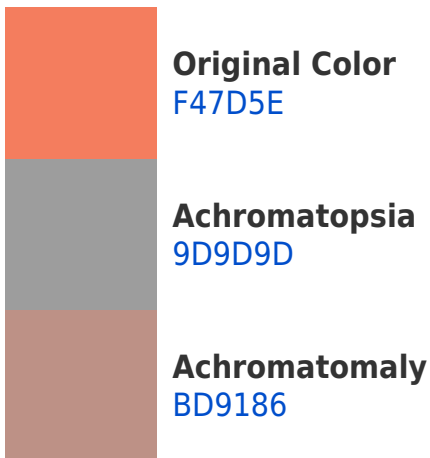


**Tritanopia**  
F67881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F47D5E 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 #F47D5E looks like.

```
.text, #text, p{  
    color:#F47D5E  
}
```

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 #F47D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F47D5E
}
```

## Border

The CSS property to change the border of an element to Hex F47D5E 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
#F47D5E }
```

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

```
.border{ border-color:#F47D5E }
```

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

Here you see how a box with a 4 pixel #F47D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F47D5E; -webkit-box-shadow:4px 4px  
4px 4px #F47D5E; box-shadow:4px 4px 4px  
4px #F47D5E }
```

# Background

The CSS property to change the background color of an element to Hex F47D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F47D5E }
```

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

```
.background{ background-color:#F47D5E }
```

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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