

# Converting Colors

Hex(F16E5F)

Have a look what the booklet for  
Hex(F16E5F) contains.

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# **Color**

**Hex(F16E5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F16E5F
RGB	241, 110, 95
RGB Percent	95%, 43%, 37%
CMY	0.0549, 0.5686, 0.6275
CMYK	0.00, 0.54, 0.61, 0.05
HSL	6°, 84%, 66%
HSV	6°, 61%, 95%
XYZ	43.9171, 30.6789, 14.4334
YIQ	147.4590, 82.8910, 23.1070

# Conversions

## Conversions Part 2

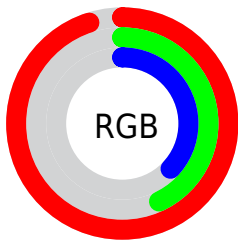
Format	Color
<b>RYB</b>	241, 112, 95
Decimal	15822431
CIELab	62.24, 49.32, 32.91
CIElCh	62, 59.297, 33.714
Yxy	30.6789, 0.4933, 0.3446
Android (android.graphics.Color)	4294012511 (0xFFFF16E5F)
YUV	147.4590, -25.8623, 82.0355
Hunter-Lab	55.3885, 44.6014, 23.3219

# Details

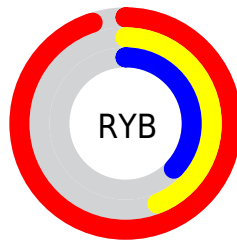
The Hex color **F16E5F** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **5FE2F1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA592**, and **B33830** is the 20% darker color. If you saturate the color by 10%, you get **F15847**, and if you desaturate by 10%, it is **F18477**.

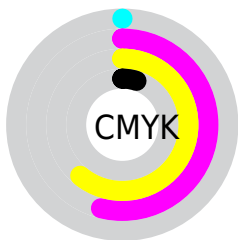
# Distribution



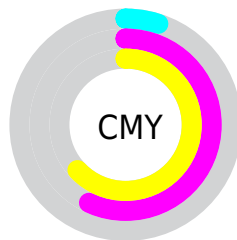
- Red (95%)
- Green (43%)
- Blue (37%)



- Red (95%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (54%)
- Yellow (61%)
- Black (5%)



- Cyan (5%)
- Magenta (57%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F16E5F 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 F16E5F by changing the saturation by 10% instead.



 F16E5F

 F16E5F

FFFFFF

 D25347

 FFA592

 B33830

 FFC1AC

 951A1B

 FFDEC8

 770003

 FFFBE4

 5A0000

 3E0001

 1D0001

 000000

 F16E5F

 F16E5F

 F15847

 F18477

 F1432F

 F1998F

 F12D17

 F1AFA7

 F11900

 F1C4BF

 F1DAD7

 F1F0F0

 F1FFFF

# Harmonies

## Analogous

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



F56592



F16E5F



D68236

# Triad

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



F16E5F



12AC66



1A9AFF

# Complementary

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



F16E5F



5FE2F1

# 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.



00A8F4



F16E5F



00B09C

# Square

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



F16E5F



76A438



00AFCF



A086EE

# Rectangle

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



F16E5F



BB9024



00AFCF



00A0FF



# Sweetspot

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



F16E5F



FFD6D1



F15FE2



806663



000000



808080



# Same Dimension

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



F16E5F



FF5845



F1B75F



786D6C



B81300



380600

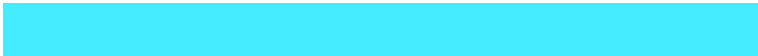


# Inverse Universe

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



5FE2F1



45ECFF



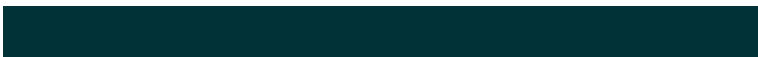
5F99F1



6C7778



00A5B8



003238



# Previews

## White Background



This preview shows how the Hex color F16E5F looks on a white background.

## Color Contrast Check

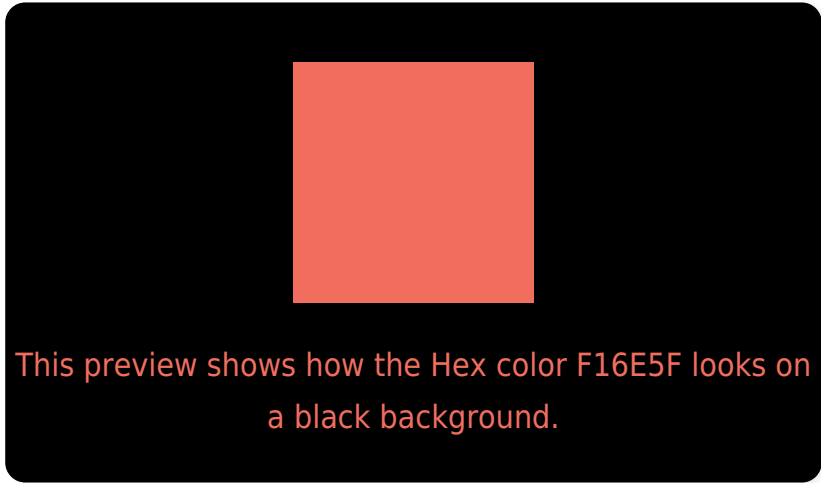
Large Text (above 18pt) WCAG AA × Fail

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 F16E5F Background



This preview shows how black text looks on a background with the Hex color F16E5F.

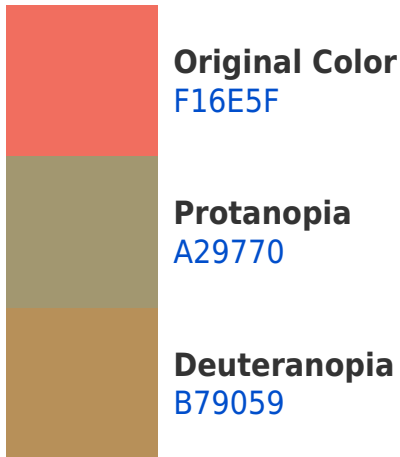



This preview shows how white text looks on a background with the Hex color F16E5F.

# 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](#).

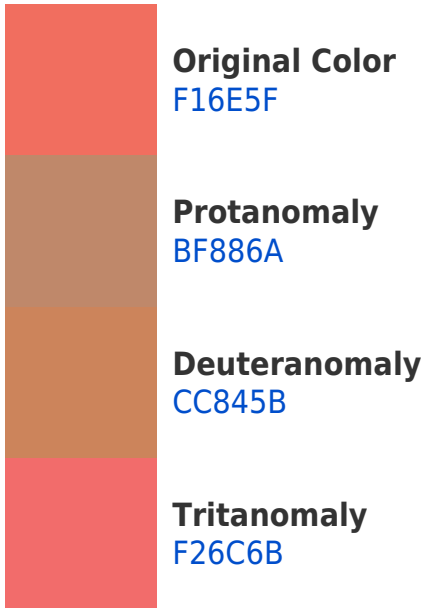
## Dichromacy



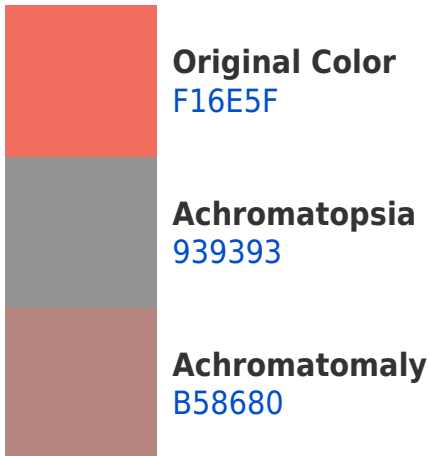


**Tritanopia**  
F26B72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F16E5F 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 #F16E5F looks like.

```
.text, #text, p{  
    color:#F16E5F  
}
```

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 #F16E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F16E5F
}
```

## Border

The CSS property to change the border of an element to Hex F16E5F 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
#F16E5F }
```

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

```
.border{ border-color:#F16E5F }
```

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

Here you see how a box with a 4 pixel #F16E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F16E5F; -webkit-box-shadow:4px 4px  
4px 4px #F16E5F; box-shadow:4px 4px 4px  
4px #F16E5F }
```

# Background

The CSS property to change the background color of an element to Hex F16E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F16E5F }
```

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

```
.background{ background-color:#F16E5F }
```

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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