

# Converting Colors

Hex(F6664F)

Have a look what the booklet for  
Hex(F6664F) contains.

<b>Hex(F6664F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(F6664F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F6664F
RGB	246, 102, 79
RGB Percent	96%, 40%, 31%
CMY	0.0353, 0.6000, 0.6902
CMYK	0.00, 0.59, 0.68, 0.04
HSL	8°, 90%, 64%
HSV	8°, 68%, 96%
XYZ	44.1687, 29.6601, 10.7942
YIQ	142.4340, 93.2070, 23.3750

# Conversions

## Conversions Part 2

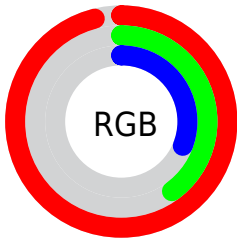
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 106, 79
Decimal	16148047
CIE Lab	61.36, 53.84, 40.82
CIE LCh	61, 67.559, 37.168
Yxy	29.6601, 0.5219, 0.3505
Android (android.graphics.Color)	4294338127 (0xFFFF6664F)
YUV	142.4340, -31.2730, 90.8274
Hunter-Lab	54.4611, 49.4591, 26.3715

# Details

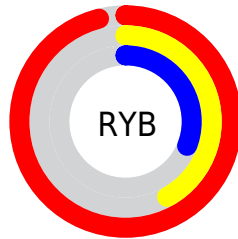
The Hex color **F6664F** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed orange. A complement of this color would be **4FDFF6**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF9D81**, and **B72E21** is the 20% darker color. If you saturate the color by 10%, you get **F65136**, and if you desaturate by 10%, it is **F67B68**.

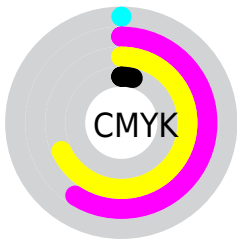
# Distribution



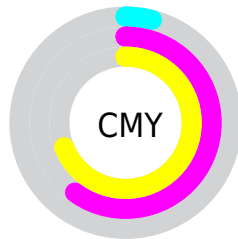
- Red (96%)
- Green (40%)
- Blue (31%)



- Red (96%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (59%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (60%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6664F 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 F6664F by changing the saturation by 10% instead.



 F6664F

 F6664F

FFFFFF

 D64A37

 FF9D81

 B72E21

 FFBA9B

 98050A

 FFD6B6

 7A0000

 FFF4D2

 5B0000

 FFFFEE

 3F0002

 1E0001

 000000

 F6664F

 F6664F

 F65136

 F67B68

 F63C1E

 F69080

 F62605

 F6A699

 F62200

 F6BBB1

 F6D0CA

 F6E5E3

 F6FAFB

 F6FFFF

# Harmonies

## Analogous

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



FE5788



F6664F



D5801B

# Triad

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



F6664F



00AD63



0097FF

# Complementary

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



F6664F



4FDFF6

# 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



F6664F



00B0A1

# Square

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



F6664F



64A529



00AEDB



A87EF4

# Rectangle

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



F6664F



B68F00



00AEDB



009DFF



# Sweetspot

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



F6664F



FFD3CC



F64FE0



806561



000000



808080



# Same Dimension

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



F6664F



FF4D30



F6B94F



7A706E



BA1A00



3B0800



# Inverse Universe

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



4FDFF6



30E3FF



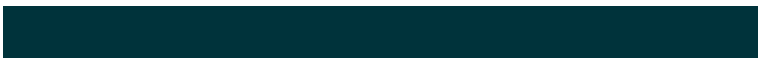
4F8CF6



6E797A



00A1BA



00333B



# Previews

## White Background



This preview shows how the Hex color F6664F looks on a white background.

## Color Contrast Check

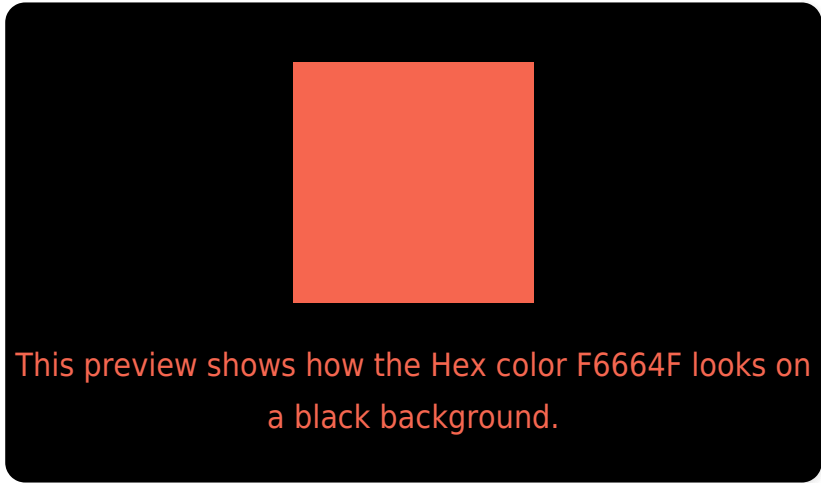
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F6664F Background



This preview shows how black text looks on a background with the Hex color F6664F.



This preview shows how white text looks on a background with the Hex color F6664F.

# 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**  
F76369

# Trichromacy



**Original Color**  
F6664F

**Protanomaly**  
C1845A

**Deuteranomaly**  
CE7F4A

**Tritanomaly**  
F76460

# Monochromacy



**Original Color**  
F6664F

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
B47F77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6664F 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 #F6664F looks like.

```
.text, #text, p{  
    color:#F6664F  
}
```

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 #F6664F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6664F
}
```

## Border

The CSS property to change the border of an element to Hex F6664F 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
#F6664F }
```

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

```
.border{ border-color:#F6664F }
```

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

Here you see how a box with a 4 pixel #F6664F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6664F; -webkit-box-shadow:4px 4px  
4px 4px #F6664F; box-shadow:4px 4px 4px  
4px #F6664F }
```

# Background

The CSS property to change the background color of an element to Hex F6664F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6664F }
```

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

```
.background{ background-color:#F6664F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor