

# Converting Colors

Hex(F64C55)

Have a look what the booklet for  
Hex(F64C55) contains.

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# Color

Hex(F64C55)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F64C55                     |
| RGB           | 246, 76, 85                |
| RGB Percent   | 96%, 30%, 33%              |
| CMY           | 0.0353, 0.7020, 0.6667     |
| CMYK          | 0.00, 0.69, 0.65, 0.04     |
| HSL           | 357°, 90%, 63%             |
| HSV           | 357°, 69%, 96%             |
| XYZ           | 42.2302, 25.4176, 11.2746  |
| YIQ           | 127.8560, 98.4310, 38.8390 |

# Conversions

## Conversions Part 2

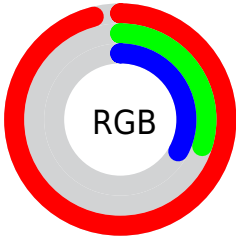
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| <a href="#">RYB</a>                 | 246, 76, 85                     |
| Decimal                             | 16141397                        |
| CIELab                              | 57.48, 64.81, 32.77             |
| CIElCh                              | 57, 72.623, 26.825              |
| Yxy                                 | 25.4176, 0.5351,<br>0.3221      |
| Android<br>(android.graphics.Color) | 4294331477<br>(0xFFFF64C55)     |
| YUV                                 | 127.8560, -21.1280,<br>103.6123 |
| Hunter-Lab                          | 50.4159, 61.2904,<br>22.0319    |

# Details

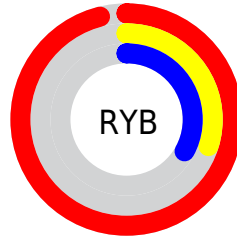
The Hex color **F64C55** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **4CF6ED**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8687**, and **B60028** is the 20% darker color. If you saturate the color by 10%, you get **F6333E**, and if you desaturate by 10%, it is **F6656C**.

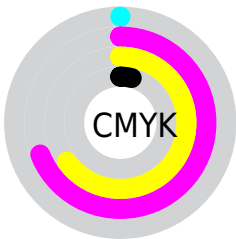
# Distribution



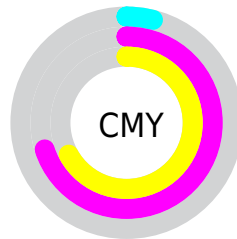
- Red (96%)
- Green (30%)
- Blue (33%)



- Red (96%)
- Yellow (30%)
- Blue (33%)



- Cyan (0%)
- Magenta (69%)
- Yellow (65%)
- Black (4%)



- Cyan (4%)
- Magenta (70%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F64C55 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 F64C55 by changing the saturation by 10% instead.



 F64C55

 F64C55

FFFFFF

 D62B3E

 FF8687

 B60028

 FFA3A1

 970014

 FFC0BC

 780000

 FFDED8

 590001

 FFFBF4

 3C0003

 170000

 000000

 F64C55

 F64C55

 F6333E

 F6656C

 F61B26

 F67D84

 F6020F

 F6969B

 F6000D

 F6AEB2

 F6C7C9

 F6E0E1

 F6F8F8

 F6FFFF

# Harmonies

## Analogous

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



F54294



F64C55



DB6A17

# Triad

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



F64C55



00A13F



0094FF

# Complementary

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



F64C55



4CF6ED

# 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.



00A1F4



F64C55



00A681

# Square

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



F64C55



6E9700



00A6C2



777CFC

# Rectangle

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



F64C55



BD7D00



00A6C2



009AFF



# Sweetspot

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



F64C55



FFC9CC



EB4CF6



806061



000000



808080



# Same Dimension

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



F64C55



FF2B37



F6964C



7A6E6F



BA000A



3B0003



# Inverse Universe

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



F64C55



FF2B37



4CACF6



7A6E6F



BA000A



3B0003



# Previews

## White Background



This preview shows how the Hex color F64C55 looks on a white background.

## Color Contrast Check

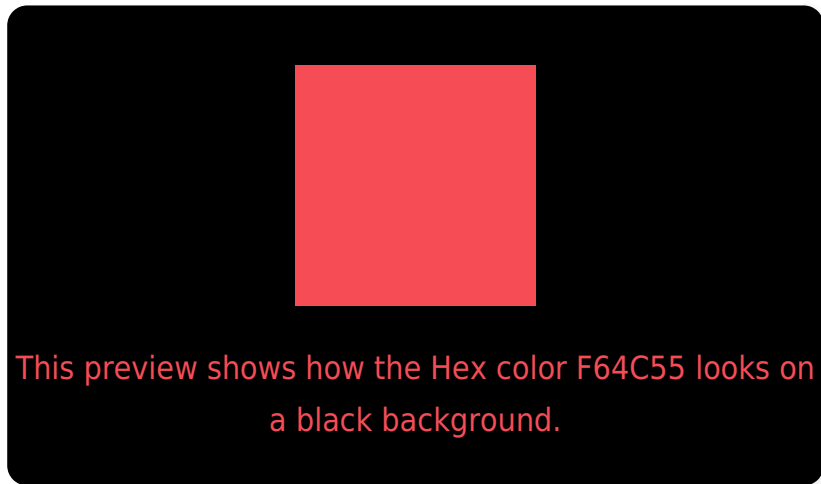
Large Text (above 18pt) WCAG AA ✓ Pass

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 F64C55 Background



This preview shows how black text looks on a background with the Hex color F64C55.



This preview shows how white text looks on a background with the Hex color F64C55.

# 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**  
F64C55

**Protanopia**  
938A6E

**Deuteranopia**  
A9844C



**Tritanopia**  
F64D51

# Trichromacy



**Original Color**  
F64C55

**Protanomaly**  
B77365

**Deuteranomaly**  
C5704F

**Tritanomaly**  
F64D52

# Monochromacy



**Original Color**  
F64C55

**Achromatopsia**  
808080

**Achromatomaly**  
AB6D70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F64C55 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 #F64C55 looks like.

```
.text, #text, p{  
    color:#F64C55  
}
```

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 #F64C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F64C55
}
```

## Border

The CSS property to change the border of an element to Hex F64C55 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".

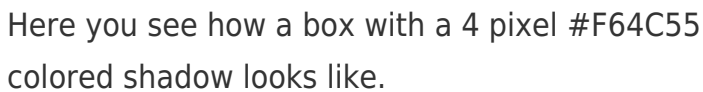
```
.border, #border, table{ border:4px solid
#F64C55 }
```

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

```
.border{ border-color:#F64C55 }
```

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

Here you see how a box with a 4 pixel #F64C55 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F64C55; -webkit-box-shadow:4px 4px  
4px 4px #F64C55; box-shadow:4px 4px 4px  
4px #F64C55 }
```

# Background

The CSS property to change the background color of an element to Hex F64C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F64C55 }
```

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

```
.background{ background-color:#F64C55 }
```

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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