

# Converting Colors

Hex(F74B48)

Have a look what the booklet for  
Hex(F74B48) contains.

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**Color**

**Hex(F74B48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F74B48
RGB	247, 75, 72
RGB Percent	97%, 29%, 28%
CMY	0.0314, 0.7059, 0.7176
CMYK	0.00, 0.70, 0.71, 0.03
HSL	1°, 92%, 63%
HSV	1°, 71%, 97%
XYZ	42.0435, 25.2742, 8.7934
YIQ	126.0860, 103.4750, 35.5310

# Conversions

## Conversions Part 2

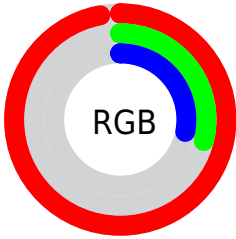
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 75, 72
Decimal	16206664
CIE <sub>Lab</sub>	57.34, 64.84, 40.00
CIE <sub>LCh</sub>	57, 76.188, 31.671
Yxy	25.2742, 0.5524, 0.3321
Android (android.graphics.Color)	4294396744 (0xFFFF74B48)
YUV	126.0860, -26.6644, 106.0416
Hunter-Lab	50.2734, 61.3006, 24.8210

# Details

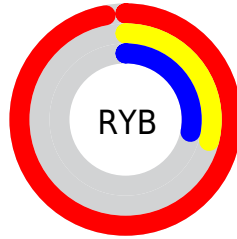
The Hex color **F74B48** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **48F4F7**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8579**, and **B7001B** is the 20% darker color. If you saturate the color by 10%, you get **F7332F**, and if you desaturate by 10%, it is **F76361**.

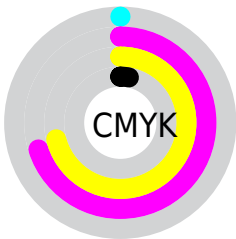
# Distribution



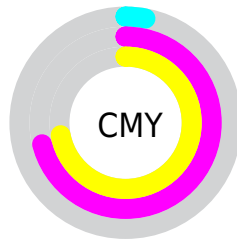
- Red (97%)
- Green (29%)
- Blue (28%)



- Red (97%)
- Yellow (29%)
- Blue (28%)



- Cyan (0%)
- Magenta (70%)
- Yellow (71%)
- Black (3%)



- Cyan (3%)
- Magenta (71%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F74B48 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 F74B48 by changing the saturation by 10% instead.



 F74B48

 F74B48

FFFFFF

 D72A31

 FF8579

 B7001B

 FFA293

 970005

 FFBFAE

 780000

 FFDDC9

 590001

 FFFAE5

 3C0003

 160000

 000000

 F74B48

 F74B48

 F7332F

 F76361

 F71A17

 F77C79

 F70400

 F79492

 F7ACAB

 F7C4C3

 F7DDBC

 F7F5F5

 F7FFFF

# Harmonies

## Analogous

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



FB3889



F74B48



D66D00

# Triad

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



F74B48



00A346



0091FF

# Complementary

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



F74B48



48F4F7

# 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.



00A0FF



F74B48



00A78C

# Square

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



F74B48



5F9900



00A6CE



8976FC

# Rectangle

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



F74B48



B68000



00A6CE



0097FF



# Sweetspot

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



F74B48



FFCAC9



F748F4



806060



000000



808080



# Same Dimension

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



F74B48



FF2A26



F7A248



7A6E6E



BA0300



3B0100



# Inverse Universe

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



48F4F7



26FBFF



489DF7



6E7A7A



00B7BA



003A3B



# Previews

## White Background



This preview shows how the Hex color F74B48 looks on a white background.

## Color Contrast Check

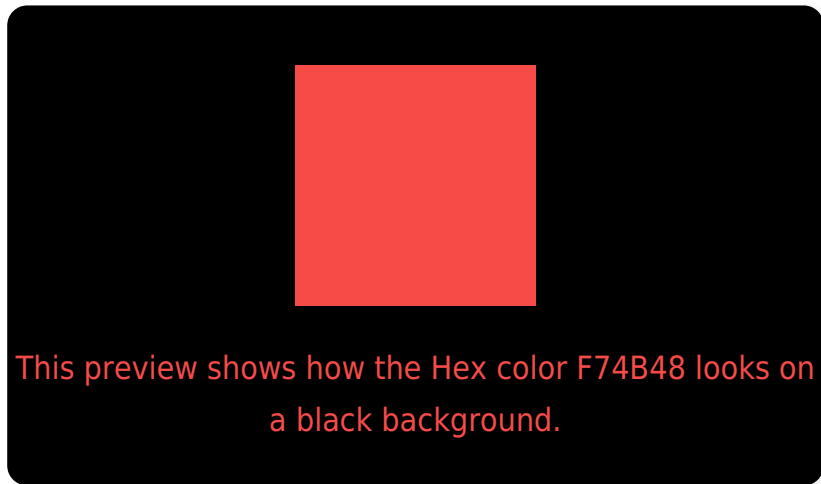
Large Text (above 18pt) WCAG AA ✓ Pass

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 F74B48 Background



This preview shows how black text looks on a background with the Hex color F74B48.



This preview shows how white text looks on a background with the Hex color F74B48.

# 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**  
F74B48

**Protanopia**  
958A5E

**Deuteranopia**  
AB833E



**Tritanopia**  
F74A4E

# Trichromacy



**Original Color**  
F74B48

**Protanomaly**  
B97356

**Deuteranomaly**  
C76F42

**Tritanomaly**  
F74A4C

# Monochromacy



**Original Color**  
F74B48

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
AA6B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F74B48 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 #F74B48 looks like.

```
.text, #text, p{  
  color:#F74B48  
}
```

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 #F74B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F74B48
}
```

## Border

The CSS property to change the border of an element to Hex F74B48 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
#F74B48 }
```

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

```
.border{ border-color:#F74B48 }
```

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

Here you see how a box with a 4 pixel #F74B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F74B48; -webkit-box-shadow:4px 4px  
4px 4px #F74B48; box-shadow:4px 4px 4px  
4px #F74B48 }
```

# Background

The CSS property to change the background color of an element to Hex F74B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F74B48 }
```

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

```
.background{ background-color:#F74B48 }
```

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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