

# Converting Colors

Hex(F73C45)

Have a look what the booklet for  
Hex(F73C45) contains.

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**Color**

**Hex(F73C45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F73C45
RGB	247, 60, 69
RGB Percent	97%, 24%, 27%
CMY	0.0314, 0.7647, 0.7294
CMYK	0.00, 0.76, 0.72, 0.03
HSL	357°, 92%, 60%
HSV	357°, 76%, 97%
XYZ	41.0478, 23.4355, 7.9903
YIQ	116.9390, 108.5630, 42.4430

# Conversions

## Conversions Part 2

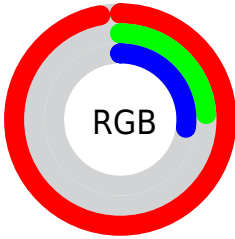
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 60, 69
Decimal	16202821
CIE <sub>Lab</sub>	55.52, 69.67, 39.57
CIE <sub>LCh</sub>	56, 80.125, 29.597
Yxy	23.4355, 0.5664, 0.3234
Android (android.graphics.Color)	4294392901 (0xFFFF73C45)
YUV	116.9390, -23.6339, 114.0635
Hunter-Lab	48.4103, 66.6349, 24.1012

# Details

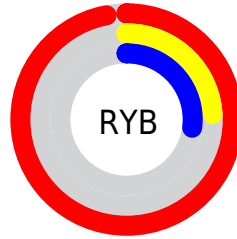
The Hex color **F73C45** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3CF7EE**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF7A76**, and **B60019** is the 20% darker color. If you saturate the color by 10%, you get **F7232D**, and if you desaturate by 10%, it is **F7555D**.

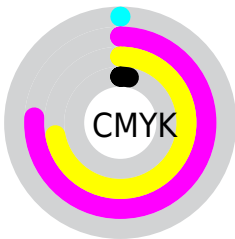
# Distribution



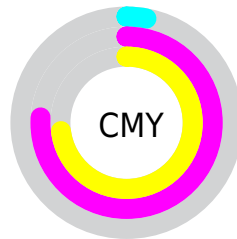
- Red (97%)
- Green (24%)
- Blue (27%)



- Red (97%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (76%)
- Yellow (72%)
- Black (3%)



- Cyan (3%)
- Magenta (76%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F73C45 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 F73C45 by changing the saturation by 10% instead.



 F73C45

 F73C45

FFFFFF

 D60F2E

 FF7A76

 B60019

 FF978F

 960001

 FFB4AA

 770000


 FFD2C5

 570002

 FFF0E1

 3A0002

FFFFFFE

 110000

 000000

 F73C45

 F73C45

 F7232D

 F7555D

 F70B16

 F76D74

 F7000C

 F7868C

 F79FA3

 F7B7BB

 F7D0D2

 F7E9EA

 F7FFFF

# Harmonies

## Analogous

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



FA2589



F73C45



D66400

# Triad

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



F73C45



009E38



008EFF

# Complementary

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



F73C45



3CF7EE

# 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.



009DFD



F73C45



00A282

# Square

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



F73C45



5C9400



00A3C8



7873FF

# Rectangle

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



F73C45



B57900



00A3C8



0095FF



# Sweetspot

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



F73C45



FFC4C7



EE3CF7



805C5E



000000



808080



# Same Dimension

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



F73C45



FF1722



F7903C



7A6E6F



BA0009



3B0003



# Inverse Universe

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



F73C45



FF1722



3CA3F7



7A6E6F



BA0009



3B0003



# Previews

## White Background



This preview shows how the Hex color F73C45 looks on a white background.

## Color Contrast Check

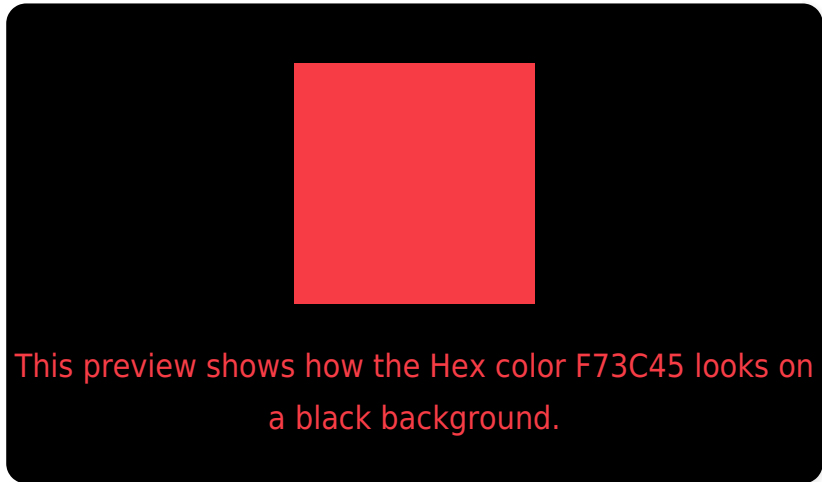
Large Text (above 18pt) WCAG AA ✓ Pass

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 F73C45 Background



This preview shows how black text looks on a background with the Hex color F73C45.



This preview shows how white text looks on a background with the Hex color F73C45.

# 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**  
F73C45

**Protanopia**  
90855E

**Deuteranopia**  
A57F3A



**Tritanopia**  
F73D3F

# Trichromacy



**Original Color**  
F73C45

**Protanomaly**  
B56A55

**Deuteranomaly**  
C3673E

**Tritanomaly**  
F73D41

# Monochromacy



**Original Color**  
F73C45

**Achromatopsia**  
757575

**Achromatomaly**  
A46064

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F73C45 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 #F73C45 looks like.

```
.text, #text, p{  
  color:#F73C45  
}
```

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 #F73C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F73C45
}
```

## Border

The CSS property to change the border of an element to Hex F73C45 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".

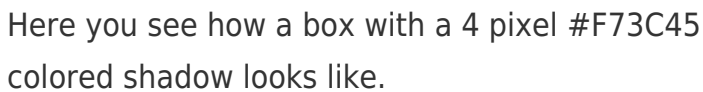
```
.border, #border, table{ border:4px solid
#F73C45 }
```

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

```
.border{ border-color:#F73C45 }
```

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

Here you see how a box with a 4 pixel #F73C45 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F73C45; -webkit-box-shadow:4px 4px  
4px 4px #F73C45; box-shadow:4px 4px 4px  
4px #F73C45 }
```

# Background

The CSS property to change the background color of an element to Hex F73C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F73C45 }
```

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

```
.background{ background-color:#F73C45 }
```

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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