

Converting Colors

Hex(F75333)

Have a look what the booklet for
Hex(F75333) contains.

Hex(F75333)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F75333)

Conversions

Conversions Part 1

Format	Color
Hex	F75333
RGB	247, 83, 51
RGB Percent	97%, 33%, 20%
CMY	0.0314, 0.6745, 0.8000
CMYK	0.00, 0.66, 0.79, 0.03
HSL	10°, 92%, 58%
HSV	10°, 79%, 97%
XYZ	42.0486, 26.1997, 5.9728
YIQ	128.3880, 108.0160, 24.8160

Conversions

Conversions Part 2

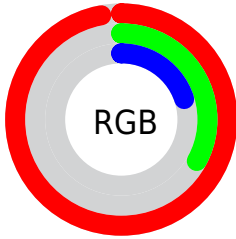
Format	Color
R_{YB}	247, 89, 51
Decimal	16208691
CIE Lab	58.23, 61.04, 51.98
CIE LCh	58, 80.180, 40.417
Yxy	26.1997, 0.5665, 0.3530
Android (android.graphics.Color)	4294398771 (0xFFFF75333)
YUV	128.3880, -38.1523, 104.0227
Hunter-Lab	51.1856, 57.0614, 28.9114

Details

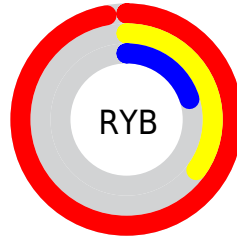
The Hex color **F75333** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **33D7F7**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8C64**, and **B60B01** is the 20% darker color. If you saturate the color by 10%, you get **F73E1A**, and if you desaturate by 10%, it is **F7684C**.

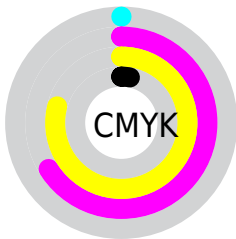
Distribution



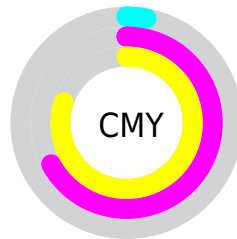
- Red (97%)
- Green (33%)
- Blue (20%)



- Red (97%)
- Yellow (35%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (79%)
- Black (3%)



- Cyan (3%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F75333 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 F75333 by changing the saturation by 10% instead.

 F75333

 F75333

FFFFFF

 D6351B

 FF8C64

 B60B01

 FFA87E

 970000

 FFC598

 770000

 FFE2B3

 580000

 FFFFCF

 3C0003

 FFFFEC

 160000

 000000

 F75333

 F75333

 F73E1A

 F7684C

 F72A02

 F77C64

 F72800

 F7917D

 F7A696

 F7BAAF

 F7CFC7

 F7E4E0

 F7F8F9

 F7FFFF

Harmonies

Analogous

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



FF3277



F75333



CE7700

Triad

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



F75333



00A85A



008DFF

Complementary

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



F75333



33D7F7

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



F75333



00AAA3

Square

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



F75333



40A000



00A9E6



AB6CF8

Rectangle

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



F75333



A88900



00A9E6



0095FF

Sweetspot

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



F75333



FFCC2



F733DA



80615B



000000



808080

Same Dimension

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



F75333



FF340D



F7B233



7A706E



BA1E00



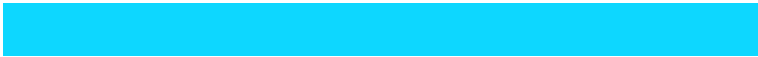
3B0A00

Inverse Universe

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



33D7F7



0DD7FF



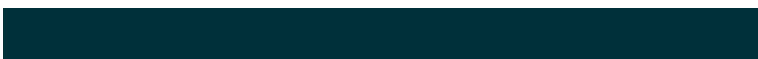
3378F7



6E787A



009CBA



00313B

Previews

White Background



This preview shows how the Hex color F75333 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 F75333 Background



This preview shows how black text looks on a background with the Hex color F75333.



This preview shows how white text looks on a background with the Hex color F75333.

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
F75333

Protanopia
9B8C43

Deuteranopia
B08525



Tritanopia
F84F53

Trichromacy



Original Color
F75333

Protanomaly
BC773D

Deuteranomaly
CA732A

Tritanomaly
F85047

Monochromacy



Original Color
F75333

Achromatopsia
808080

Achromatomaly
AB7064

CSS Examples

Text

The CSS property to change the color of the text to Hex F75333 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 #F75333 looks like.

```
.text, #text, p{  
    color:#F75333  
}
```

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 #F75333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F75333
}
```

Border

The CSS property to change the border of an element to Hex F75333 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".

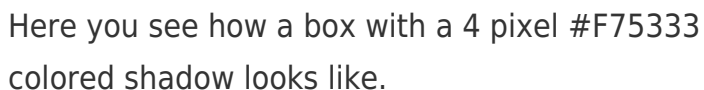
```
.border, #border, table{ border:4px solid
#F75333 }
```

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

```
.border{ border-color:#F75333 }
```

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

Here you see how a box with a 4 pixel #F75333 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F75333; -webkit-box-shadow:4px 4px  
4px 4px #F75333; box-shadow:4px 4px 4px  
4px #F75333 }
```

Background

The CSS property to change the background color of an element to Hex F75333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F75333 }
```

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

```
.background{ background-color:#F75333 }
```

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