

Converting Colors

Hex(F7533C)

Have a look what the booklet for
Hex(F7533C) contains.

Hex(F7533C)	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(F7533C)

Conversions

Conversions Part 1

Format	Color
Hex	F7533C
RGB	247, 83, 60
RGB Percent	97%, 33%, 24%
CMY	0.0314, 0.6745, 0.7647
CMYK	0.00, 0.66, 0.76, 0.03
HSL	7°, 92%, 60%
HSV	7°, 76%, 97%
XYZ	42.2666, 26.2869, 7.1211
YIQ	129.4140, 105.1270, 27.6150

Conversions

Conversions Part 2

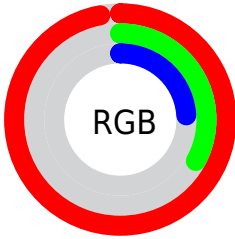
Format	Color
R_{YB}	247, 86, 60
Decimal	16208700
CIE _{Lab}	58.31, 61.35, 47.54
CIE _{LCh}	58, 77.610, 37.772
Yxy	26.2869, 0.5585, 0.3474
Android (android.graphics.Color)	4294398780 (0xFFFF7533C)
YUV	129.4140, -34.2211, 103.1229
Hunter-Lab	51.2708, 57.4281, 27.6546

Details

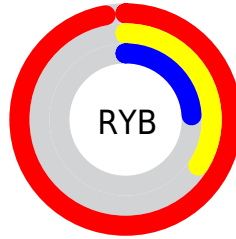
The Hex color **F7533C** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **3CE0F7**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF8C6D**, and **B70A0D** is the 20% darker color. If you saturate the color by 10%, you get **F73D23**, and if you desaturate by 10%, it is **F76955**.

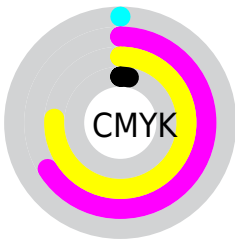
Distribution



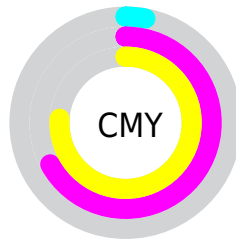
- Red (97%)
- Green (33%)
- Blue (24%)



- Red (97%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (66%)
- Yellow (76%)
- Black (3%)



- Cyan (3%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7533C 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 F7533C by changing the saturation by 10% instead.

 F7533C

 F7533C

FFFFFF

 D73525

 FF8C6D

 B70A0D

 FFA987

 970000

 FFC5A1

 770000

 FFE3BD

 590000

 FFFFD9

 3C0003

 FFFFF5

 170000

 000000

 F7533C

 F7533C

 F73D23

 F76955

 F7280B

 F77E6D

 F71E00

 F79486

 F7AA9F

 F7BFB7

 F7D5D0

 F7EBE9

 F7FFFF

Harmonies

Analogous

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



FF397E



F7533C



D17500

Triad

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



F7533C



00A755



008FFF

Complementary

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



F7533C



3CE0F7

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.



00A1FF



F7533C



00AA9D

Square

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



F7533C



4E9F00



00A9DE



A271F9

Rectangle

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



F7533C



AD8800



00A9DE



0096FF

Sweetspot

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



F7533C



FFCCC4



F73CE1



80605C



000000



808080

Same Dimension

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



F7533C



FF3317



F7AF3C



7A706E



BA1700



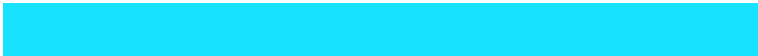
3B0700

Inverse Universe

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



3CE0F7



17E2FF



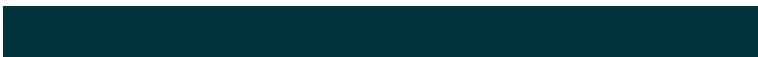
3C84F7



6E797A



00A3BA



00333B

Previews

White Background



This preview shows how the Hex color F7533C looks on a white background.

Color Contrast Check

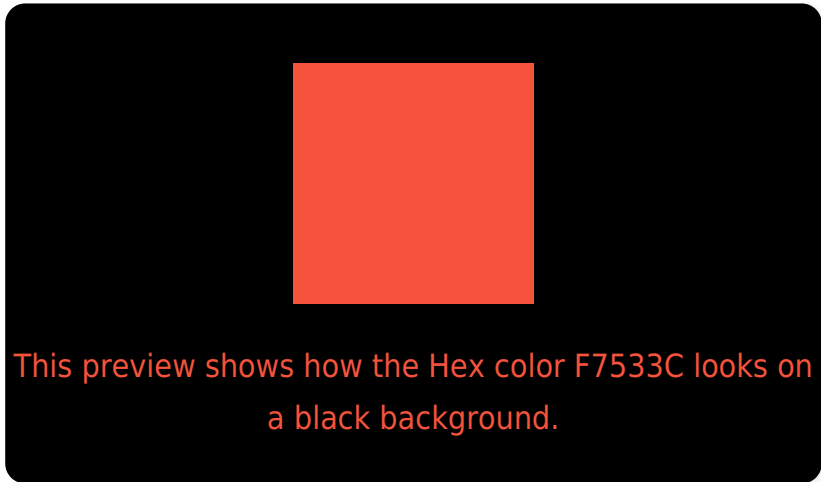
Large Text (above 18pt) WCAG AA ✓ Pass

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 F7533C Background



This preview shows how black text looks on a background with the Hex color F7533C.



This preview shows how white text looks on a background with the Hex color F7533C.

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
F85054

Trichromacy



Original Color
F7533C

Protanomaly
BC7847

Deuteranomaly
CA7335

Tritanomaly
F8514B

Monochromacy



Original Color
F7533C

Achromatopsia
818181

Achromatomaly
AC7068

CSS Examples

Text

The CSS property to change the color of the text to Hex F7533C 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 #F7533C looks like.

```
.text, #text, p{  
    color:#F7533C  
}
```

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 #F7533C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7533C
}
```

Border

The CSS property to change the border of an element to Hex F7533C 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
#F7533C }
```

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

```
.border{ border-color:#F7533C }
```

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

Here you see how a box with a 4 pixel #F7533C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7533C; -webkit-box-shadow:4px 4px  
4px 4px #F7533C; box-shadow:4px 4px 4px  
4px #F7533C }
```

Background

The CSS property to change the background color of an element to Hex F7533C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7533C }
```

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

```
.background{ background-color:#F7533C }
```

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