

Converting Colors

Hex(FF7533)

Have a look what the booklet for
Hex(FF7533) contains.

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Color

Hex(F7533)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF7533 |
| RGB | 255, 117, 51 |
| RGB Percent | 100%, 46%, 20% |
| CMY | 0.0000, 0.5412, 0.8000 |
| CMYK | 0.00, 0.54, 0.80, 0.00 |
| HSL | 19°, 100%, 60% |
| HSV | 19°, 80%, 100% |
| XYZ | 48.1988, 34.2216, 7.1970 |
| YIQ | 150.7380, 103.4340, 8.7300 |

Conversions

Conversions Part 2

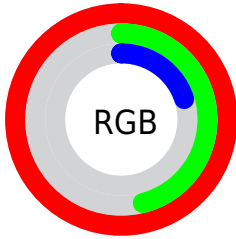
| Format | Color |
|-------------------------------------|---|
| RYB | 255, 149, 51 |
| Decimal | 16741683 |
| CIELab | 65.14, 48.99, 59.03 |
| CIElCh | 65, 76.708, 50.310 |
| Yxy | 34.2216, 0.5378, 0.3819 |
| Android (android.graphics.Color) | 4294931763 (0xFFFF7533) |
| YUV | 150.7380, -49.1708, 91.4378 |
| Hunter-Lab | 58.4992, 44.6965, 33.6551 |

Details

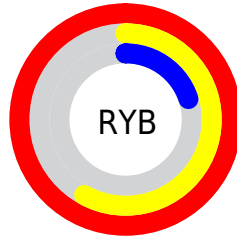
The Hex color **FF7533** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **33BDFF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFAC66**, and **BF3F00** is the 20% darker color. If you saturate the color by 10%, you get **FF6419**, and if you desaturate by 10%, it is **FF864D**.

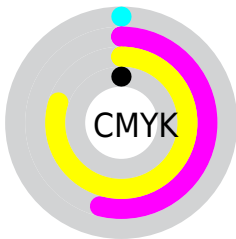
Distribution



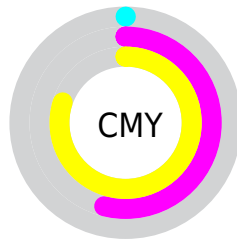
- Red (100%)
- Green (46%)
- Blue (20%)



- Red (100%)
- Yellow (58%)
- Blue (20%)



- Cyan (0%)
- Magenta (54%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7533 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 FF7533 by changing the saturation by 10% instead.

 FF7533

 FF7533

FFFFFF

 DF5A18

 FFAC66

 BF3F00

 FFC881

 A02300

 FFE59C

 800000

 FFFFB7

 620000

 FFFFD3

 450000

 FFFFF0

 290001

 000000

 FF7533

 FF7533

■ FF6419

■ FF864D

■ FF5200

■ FF9866

■ FFA980

■ FFBA99

■ FFCBB3

■ FFDDCC

■ FFEED6

FFFFFF

Harmonies

Analogous

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



FF5873



FF7533



D09300

Triad

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



FF7533



00BC85



6996FF

Complementary

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



FF7533



33BDFE

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.



00ADFF



FF7533



00BDCC

Square

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



FF7533



2FB63E



00B9FF



DA75F7

Rectangle

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



FF7533



A8A300



00B9FF



009FFF

Sweetspot

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



FF7533



FFD6C2



FF33BE



80665B



000000



808080

Same Dimension

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



FF7533



FF590A



FFDA33



807773



BF3E00



401500

Inverse Universe

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



33BDFF



0AB0FF



3358FF



737B80



0081BF



002B40

Previews

White Background



This preview shows how the Hex color FF7533 looks on a white background.

Color Contrast Check

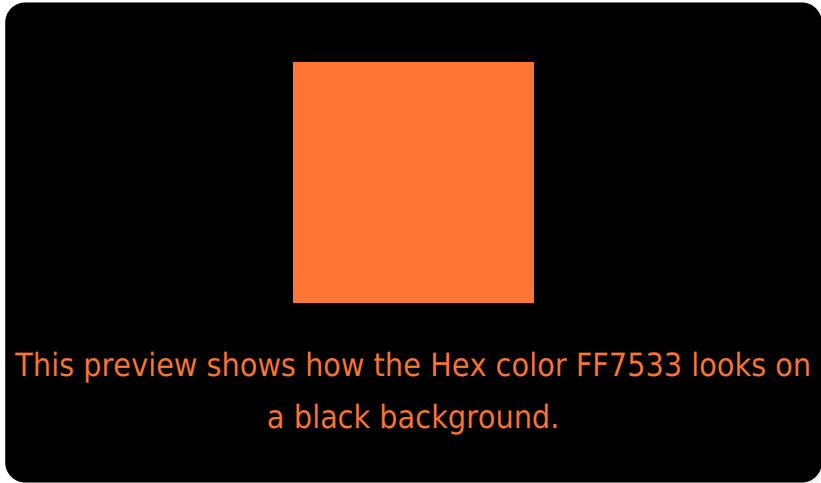
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF7533 Background



This preview shows how black text looks on a background with the Hex color FF7533.



This preview shows how white text looks on a background with the Hex color FF7533.

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
FF7533

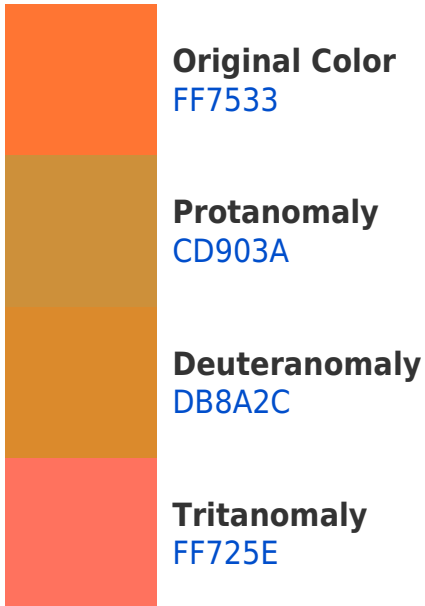
Protanopia
B19F3E

Deuteranopia
C79628



Tritanopia
FF7077

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF7533 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 #FF7533 looks like.

```
.text, #text, p{  
    color:#FF7533  
}
```

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 #FF7533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7533
}
```

Border

The CSS property to change the border of an element to Hex FF7533 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
#FF7533 }
```

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

```
.border{ border-color:#FF7533 }
```

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

Here you see how a box with a 4 pixel #FF7533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7533; -webkit-box-shadow:4px 4px  
4px 4px #FF7533; box-shadow:4px 4px 4px  
4px #FF7533 }
```

Background

The CSS property to change the background color of an element to Hex FF7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7533 }
```

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

```
.background{ background-color:#FF7533 }
```

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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