

Converting Colors

Hex(FF6D33)

Have a look what the booklet for
Hex(FF6D33) contains.

Hex(FF6D33)	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(F6D33)

Conversions

Conversions Part 1

Format	Color
Hex	FF6D33
RGB	255, 109, 51
RGB Percent	100%, 43%, 20%
CMY	0.0000, 0.5725, 0.8000
CMYK	0.00, 0.57, 0.80, 0.00
HSL	17°, 100%, 60%
HSV	17°, 80%, 100%
XYZ	47.3062, 32.4363, 6.8995
YIQ	146.0420, 105.6340, 12.9140

Conversions

Conversions Part 2

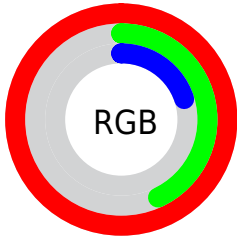
Format	Color
RYB	255, 132, 51
Decimal	16739635
CIELab	63.70, 52.70, 57.68
CIElCh	64, 78.133, 47.583
Yxy	32.4363, 0.5460, 0.3744
Android (android.graphics.Color)	4294929715 (0xFFFF6D33)
YUV	146.0420, -46.8557, 95.5562
Hunter-Lab	56.9529, 48.5981, 32.6844

Details

The Hex color **FF6D33** 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 **33C5FF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA466**, and **BF3600** is the 20% darker color. If you saturate the color by 10%, you get **FF5B19**, and if you desaturate by 10%, it is **FF7F4D**.

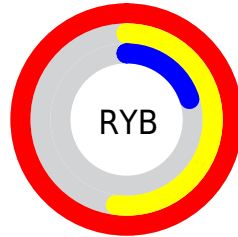
Distribution



Red (100%)

Green (43%)

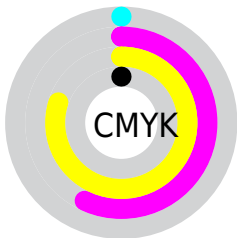
Blue (20%)



Red (100%)

Yellow (52%)

Blue (20%)

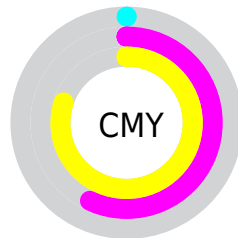


Cyan (0%)

Magenta (57%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (57%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6D33 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 FF6D33 by changing the saturation by 10% instead.

 FF6D33

 FF6D33

FFFFFF

 DF5219

 FFA466

 BF3600

 FFC080

 9F1500

 FFDD9B

 800000

 FFFBB6

 610000

 FFFFD2

 440001

 FFFFEF

 270001

 000000

 FF6D33

 FF6D33

 FF5B19

 FF7F4D

 FF4800

 FF9266

 FFA480

 FFB699

 FFC8B3

 FFDBCC

 FFEDE6

FFFFFF

Harmonies

Analogous

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



FF4F75



FF6D33



D18D00

Triad

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



FF6D33



00B87A



4D94FF

Complementary

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



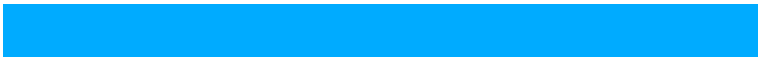
FF6D33



33C5FF

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.



00ABFF



FF6D33



00BAC3

Square

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



FF6D33



35B131



00B6FF



CF73F9

Rectangle

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



FF6D33



A99D00



00B6FF



009DFF

Sweetspot

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



FF6D33



FFD3C2



FF33C5



80655B



000000



808080

Same Dimension

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



FF6D33



FF500A



FFD333



807673



BF3600



401200

Inverse Universe

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



33C5FF



0AB9FF



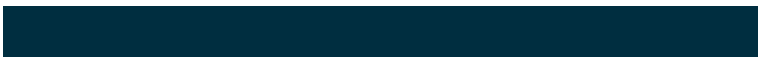
335FFF



737C80



0089BF



002E40

Previews

White Background



This preview shows how the Hex color FF6D33 looks on a white background.

Color Contrast Check

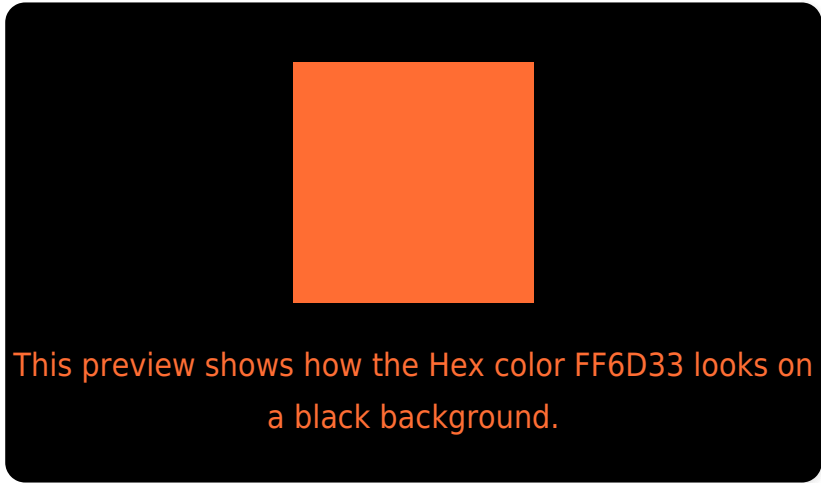
Large Text (above 18pt) WCAG AA × Fail

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 FF6D33 Background



This preview shows how black text looks on a background with the Hex color FF6D33.



This preview shows how white text looks on a background with the Hex color FF6D33.

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
FF6D33

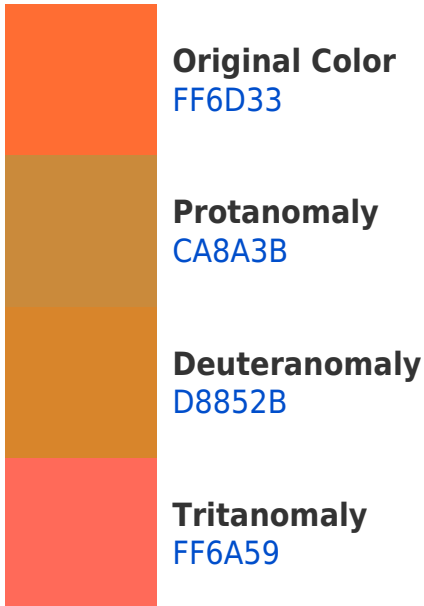
Protanopia
AC9B40

Deuteranopia
C29327



Tritanopia
FF696F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF6D33 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 #FF6D33 looks like.

```
.text, #text, p{  
    color:#FF6D33  
}
```

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 #FF6D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6D33
}
```

Border

The CSS property to change the border of an element to Hex FF6D33 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
#FF6D33 }
```

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

```
.border{ border-color:#FF6D33 }
```

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

Here you see how a box with a 4 pixel #FF6D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6D33; -webkit-box-shadow:4px 4px  
4px 4px #FF6D33; box-shadow:4px 4px 4px  
4px #FF6D33 }
```

Background

The CSS property to change the background color of an element to Hex FF6D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6D33 }
```

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

```
.background{ background-color:#FF6D33 }
```

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