

Converting Colors

Hex(FF7B36)

Have a look what the booklet for
Hex(FF7B36) contains.

Hex(FF7B36)	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(F77B36)

Conversions

Conversions Part 1

Format	Color
Hex	FF7B36
RGB	255, 123, 54
RGB Percent	100%, 48%, 21%
CMY	0.0000, 0.5176, 0.7882
CMYK	0.00, 0.52, 0.79, 0.00
HSL	21°, 100%, 61%
HSV	21°, 79%, 100%
XYZ	48.9888, 35.6923, 7.7973
YIQ	154.6020, 100.8210, 6.5250

Conversions

Conversions Part 2

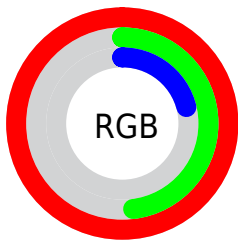
Format	Color
RYB	255, 159, 54
Decimal	16743222
CIELab	66.28, 46.21, 58.82
CIElCh	66, 74.800, 51.841
Yxy	35.6923, 0.5297, 0.3860
Android (android.graphics.Color)	4294933302 (0xFFFF7B36)
YUV	154.6020, -49.5968, 88.0490
Hunter-Lab	59.7430, 41.8184, 34.0819

Details

The Hex color **FF7B36** 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 **36BAFF**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB269**, and **BF4600** is the 20% darker color. If you saturate the color by 10%, you get **FF6A1C**, and if you desaturate by 10%, it is **FF8C50**.

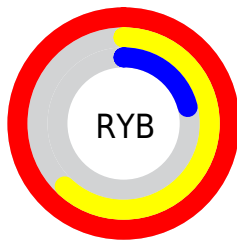
Distribution



Red (100%)

Green (48%)

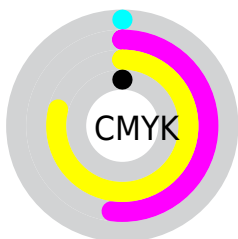
Blue (21%)



Red (100%)

Yellow (62%)

Blue (21%)

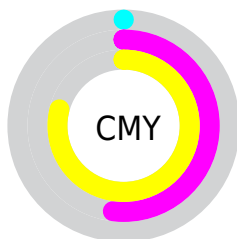


Cyan (0%)

Magenta (52%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7B36 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 FF7B36 by changing the saturation by 10% instead.

 FF7B36

 FF7B36

FFFFFF

 DF601B

 FF2629

 BF4600

 FFCE84

 A02B00

 FFE89F

 810A00

 FFFFBB

 630000

 FFFFD7

 450000

 FFFFF4

 2B0001

 000000

 FF7B36

 FF7B36

■ FF6A1C

■ FF8C50

■ FF5A03

■ FF9C69

■ FF5800

■ FFAD83

■ FFBE9C

■ FFCFB5

■ FFDFCF

■ FFF0E9

FFFFFF

Harmonies

Analogous

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



FF6073



FF7B36



D09800

Triad

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



FF7B36



00BF8C



7997FF

Complementary

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



FF7B36



36BAFF

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.



00AFFF



FF7B36



00COD1

Square

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



FF7B36



30B948



00BBFF



E078F5

Rectangle

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



FF7B36



A8A600



00BBFF



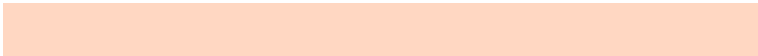
2BA0FF

Sweetspot

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



FF7B36



FFD7C2



FF36BC



80675B



000000



808080

Same Dimension

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



FF7B36



FF600D



FFDE36



807773



BF4200



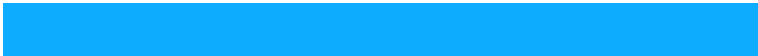
401600

Inverse Universe

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



36BAFF



0DACFF



3658FF



737B80



007EBF



002A40

Previews

White Background



This preview shows how the Hex color FF7B36 looks on a white background.

Color Contrast Check

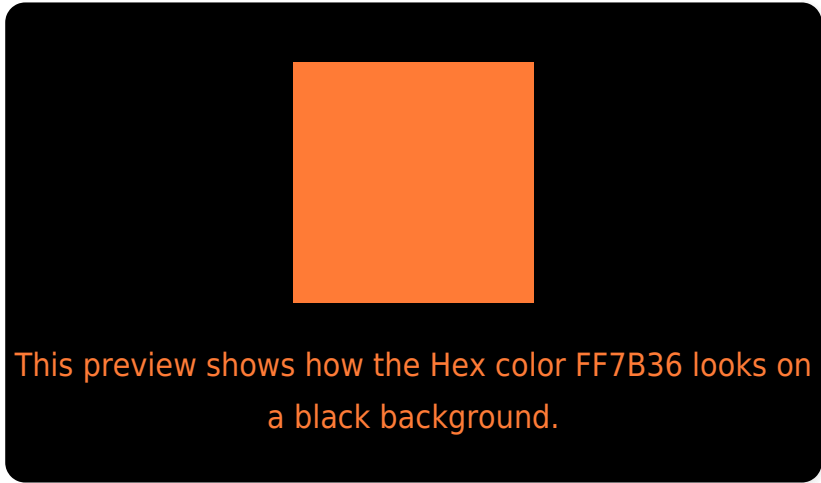
Large Text (above 18pt) WCAG AA × Fail

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 FF7B36 Background



This preview shows how black text looks on a background with the Hex color FF7B36.



This preview shows how white text looks on a background with the Hex color FF7B36.

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
FF7B36

Protanopia
B4A241

Deuteranopia
CB992C



Tritanopia
FF767D

Trichromacy



Original Color
FF7B36

Protanomaly
CF943D

Deuteranomaly
DE8E30

Tritanomaly
FF7863

Monochromacy



Original Color
FF7B36

Achromatopsia
9B9B9B

Achromatomaly
BF8F76

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7B36 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 #FF7B36 looks like.

```
.text, #text, p{  
    color:#FF7B36  
}
```

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 #FF7B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7B36
}
```

Border

The CSS property to change the border of an element to Hex FF7B36 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
#FF7B36 }
```

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

```
.border{ border-color:#FF7B36 }
```

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

Here you see how a box with a 4 pixel #FF7B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7B36; -webkit-box-shadow:4px 4px  
4px 4px #FF7B36; box-shadow:4px 4px 4px  
4px #FF7B36 }
```

Background

The CSS property to change the background color of an element to Hex FF7B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7B36 }
```

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

```
.background{ background-color:#FF7B36 }
```

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