

Converting Colors

Hex(FF7345)

Have a look what the booklet for
Hex(FF7345) contains.

Hex(FF7345)	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(F77345)

Conversions

Conversions Part 1

Format	Color
Hex	FF7345
RGB	255, 115, 69
RGB Percent	100%, 45%, 27%
CMY	0.0000, 0.5490, 0.7294
CMYK	0.00, 0.55, 0.73, 0.00
HSL	15°, 100%, 64%
HSV	15°, 73%, 100%
XYZ	48.4449, 33.9511, 9.6301
YIQ	151.6160, 98.2060, 15.3740

Conversions

Conversions Part 2

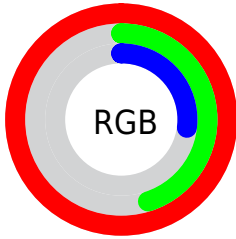
Format	Color
RYB	255, 130, 69
Decimal	16741189
CIELab	64.92, 50.59, 50.41
CIElCh	65, 71.421, 44.901
Yxy	33.9511, 0.5264, 0.3689
Android (android.graphics.Color)	4294931269 (0xFFFF7345)
YUV	151.6160, -40.7297, 90.6678
Hunter-Lab	58.2676, 46.4403, 30.9882

Details

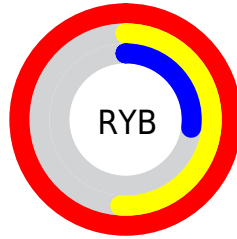
The Hex color **FF7345** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **45D1FF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFAA77**, and **BF3D14** is the 20% darker color. If you saturate the color by 10%, you get **FF602B**, and if you desaturate by 10%, it is **FF865E**.

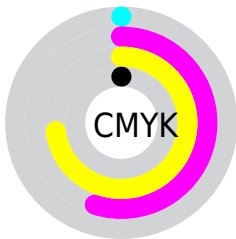
Distribution



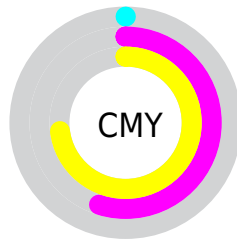
- Red (100%)
- Green (45%)
- Blue (27%)



- Red (100%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7345 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 FF7345 by changing the saturation by 10% instead.

 FF7345

 FF7345

FFFFFF

 DF582D

 FFAA77

 BF3D14

 FFC692

 A01F00

 FFE3AD

 810000

 FFFFC8

 630000

 FFFF E5

 450000

 2A0001

 000000

 FF7345

 FF7345

■ FF602B

■ FF865E

■ FF4D12

■ FF9978

■ FF3F00

■ FFAD92

■ FFC0AB

■ FFD3C4

■ FFE6DE

■ FFF9F7

FFFFFF

Harmonies

Analogous

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



FF5D80



FF7345



D78F08

Triad

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



FF7345



00B97A



519AFF

Complementary

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



FF7345



45D1FF

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.



00AEFF



FF7345



00BBBD

Square

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



FF7345



52B23B



00B8F7



C87EF9

Rectangle

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



FF7345



B39E00



00B8F7



00A2FF

Sweetspot

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



FF7345



FFD5C7



FF45D4



80675E



000000



808080

Same Dimension

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



FF7345



FF561F



FFCD45



807673



BF2F00



401000

Inverse Universe

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



45D1FF



1FC8FF



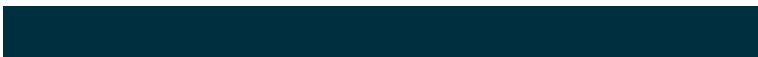
4577FF



737C80



0090BF



003040

Previews

White Background



This preview shows how the Hex color FF7345 looks on a white background.

Color Contrast Check

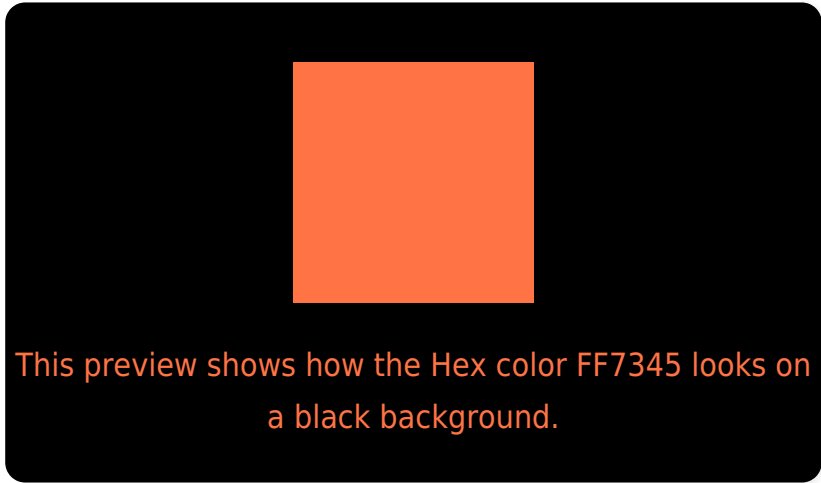
Large Text (above 18pt) WCAG AA × Fail

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 FF7345 Background



This preview shows how black text looks on a background with the Hex color FF7345.

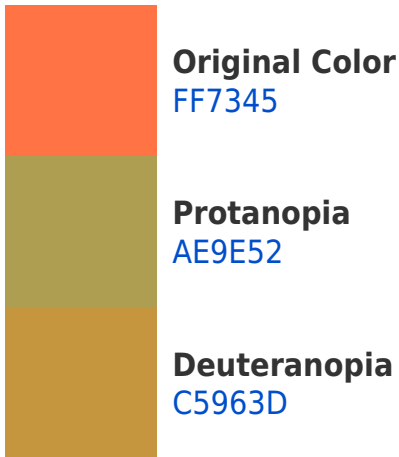


This preview shows how white text looks on a background with the Hex color FF7345.

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
FF6F76

Trichromacy



Original Color
FF7345

Protanomaly
CB8E4D

Deuteranomaly
DA8940

Tritanomaly
FF7064

Monochromacy



Original Color
FF7345

Achromatopsia
989898

Achromatomaly
BD8B7A

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7345 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 #FF7345 looks like.

```
.text, #text, p{  
    color:#FF7345  
}
```

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 #FF7345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7345
}
```

Border

The CSS property to change the border of an element to Hex FF7345 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
#FF7345 }
```

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

```
.border{ border-color:#FF7345 }
```

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

Here you see how a box with a 4 pixel #FF7345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7345; -webkit-box-shadow:4px 4px  
4px 4px #FF7345; box-shadow:4px 4px 4px  
4px #FF7345 }
```

Background

The CSS property to change the background color of an element to Hex FF7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7345 }
```

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

```
.background{ background-color:#FF7345 }
```

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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