

Converting Colors

Hex(FD7342)

Have a look what the booklet for
Hex(FD7342) contains.

Hex(FD7342)	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(FD7342)

Conversions

Conversions Part 1

Format	Color
Hex	FD7342
RGB	253, 115, 66
RGB Percent	99%, 45%, 26%
CMY	0.0078, 0.5490, 0.7412
CMYK	0.00, 0.55, 0.74, 0.01
HSL	16°, 98%, 63%
HSV	16°, 74%, 99%
XYZ	47.6221, 33.5375, 9.1177
YIQ	150.6760, 97.9770, 14.0170

Conversions

Conversions Part 2

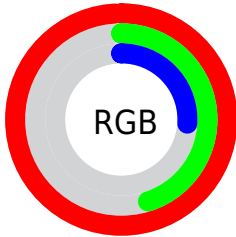
Format	Color
R_{YB}	253, 132, 66
Decimal	16610114
CIE _{Lab}	64.59, 49.74, 51.46
CIE _{LCh}	65, 71.565, 45.972
Yxy	33.5375, 0.5275, 0.3715
Android (android.graphics.Color)	4294800194 (0xFFFD7342)
YUV	150.6760, -41.7453, 89.7381
Hunter-Lab	57.9115, 45.4399, 31.2034

Details

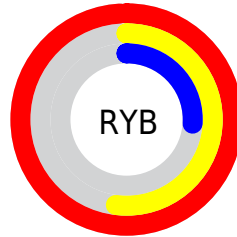
The Hex color **FD7342** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **42CCFD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFAA74**, and **BD3D10** is the 20% darker color. If you saturate the color by 10%, you get **FD6029**, and if you desaturate by 10%, it is **FD865B**.

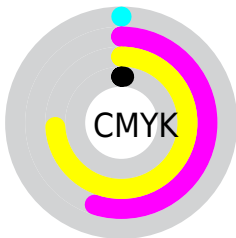
Distribution



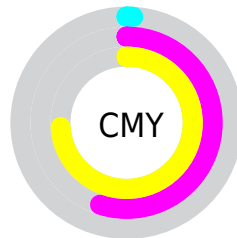
- Red (99%)
- Green (45%)
- Blue (26%)



- Red (99%)
- Yellow (52%)
- Blue (26%)



- Cyan (0%)
- Magenta (55%)
- Yellow (74%)
- Black (1%)



- Cyan (1%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD7342 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 FD7342 by changing the saturation by 10% instead.

 FD7342

 FD7342

FFFFFF

 DD582A

 FFAA74

 BD3D10

 FFC68F

 9E2000

 FFE3AA

 7F0000

 FFFFC5

 610000

 FFFF E2

 440000

 280001

 000000

 FD7342

 FD7342

FD6029

FD865B

FD4E0F

FD9875

FD4200

FDAB8E

FDBEA7

FDD0C1

FDE3DA

PDF6F3

FDFFFF

Harmonies

Analogous

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



FF5C7D



FD7342



D48F02

Triad

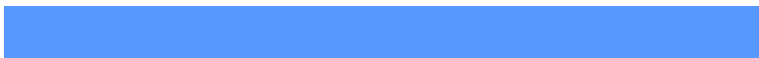
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FD7342



00B87B



5798FF

Complementary

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



FD7342



42CCFD

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



FD7342



00BABE

Square

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



FD7342



4DB13C



00B7F8



CA7BF6

Rectangle

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



FD7342



AF9E00



00B7F8



00A0FF

Sweetspot

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



FD7342



FFD6C7



FD42CE



80675E



000000



808080

Same Dimension

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



FD7342



FF581C



FDCE42



807673



BF3200



401100

Inverse Universe

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



42CCFD



1CC4FF



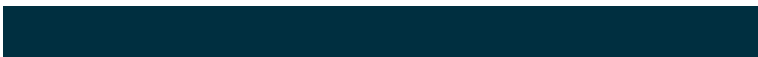
4271FD



737C80



008DBF



002F40

Previews

White Background



This preview shows how the Hex color FD7342 looks on a white background.

Color Contrast Check

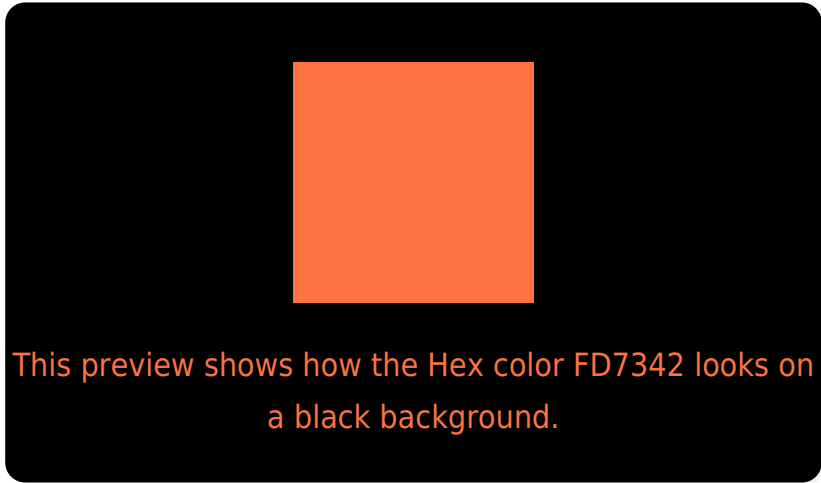
Large Text (above 18pt) WCAG AA × Fail

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 FD7342 Background



This preview shows how black text looks on a background with the Hex color FD7342.



This preview shows how white text looks on a background with the Hex color FD7342.

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
FD7342

Protanopia
AE9D4F

Deuteranopia
C49539



Tritanopia
FF6D75

Trichromacy



Original Color
FD7342

Protanomaly
CB8E4A

Deuteranomaly
D9893C

Tritanomaly
FE6F62

Monochromacy



Original Color
FD7342

Achromatopsia
979797

Achromatomaly
BC8A78

CSS Examples

Text

The CSS property to change the color of the text to Hex FD7342 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 #FD7342 looks like.

```
.text, #text, p{  
    color:#FD7342  
}
```

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 #FD7342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD7342
}
```

Border

The CSS property to change the border of an element to Hex FD7342 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
#FD7342 }
```

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

```
.border{ border-color:#FD7342 }
```

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

Here you see how a box with a 4 pixel #FD7342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD7342; -webkit-box-shadow:4px 4px  
4px 4px #FD7342; box-shadow:4px 4px 4px  
4px #FD7342 }
```

Background

The CSS property to change the background color of an element to Hex FD7342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD7342 }
```

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

```
.background{ background-color:#FD7342 }
```

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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