

Converting Colors

Hex(FD7D1A)

Have a look what the booklet for
Hex(FD7D1A) contains.

Hex(FD7D1A)	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(FD7D1A)

Conversions

Conversions Part 1

Format	Color
Hex	FD7D1A
RGB	253, 125, 26
RGB Percent	99%, 49%, 10%
CMY	0.0078, 0.5098, 0.8980
CMYK	0.00, 0.51, 0.90, 0.01
HSL	26°, 98%, 55%
HSV	26°, 90%, 99%
XYZ	48.0281, 35.6245, 5.3221
YIQ	151.9860, 108.0670, -3.6530

Conversions

Conversions Part 2

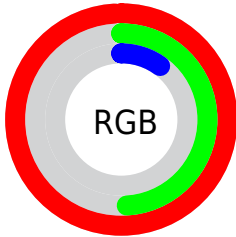
Format	Color
R_{YB}	253, 202, 26
Decimal	16612634
CIE _{Lab}	66.23, 43.80, 68.65
CIE _{LCh}	66, 81.436, 57.462
Yxy	35.6245, 0.5398, 0.4004
Android (android.graphics.Color)	4294802714 (0xFFFD7D1A)
YUV	151.9860, -62.1111, 88.5893
Hunter-Lab	59.6862, 39.1838, 36.4936

Details

The Hex color **FD7D1A** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **1A9AFD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFB354**, and **BD4900** is the 20% darker color. If you saturate the color by 10%, you get **FD6F01**, and if you desaturate by 10%, it is **FD8B33**.

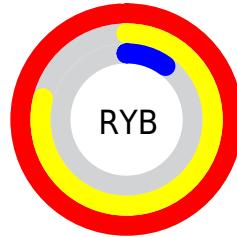
Distribution



Red (99%)

Green (49%)

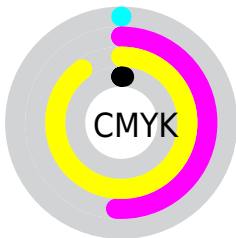
Blue (10%)



Red (99%)

Yellow (79%)

Blue (10%)

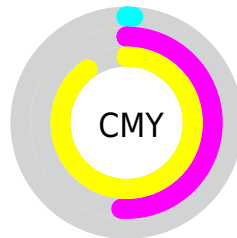


Cyan (0%)

Magenta (51%)

Yellow (90%)

Black (1%)



Cyan (1%)

Magenta (51%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD7D1A 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 FD7D1A by changing the saturation by 10% instead.

 FD7D1A

 FD7D1A

FFFFFF

 DD6300

 FFB354

 BD4900

 FFD06E

 9D2F00

 FFEC8A

 7E1100

 FFFFA5

 600000

 FFFFC1

 430000

 FFFFDE

 290001

 FFFFFB

 000000

 FD7D1A

 FD7D1A

■ FD6F01

■ FD8B33

■ FD6E00

■ FD9A4D

■ FDA866

■ FDB67F

■ FDC499

■ FDD3B2

■ FDE1CB

■ FDEFE4

■ FDFDFE

Harmonies

Analogous

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



FF5A62



FD7D1A



C79C00

Triad

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



FD7D1A



00C198



8E90FF

Complementary

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



FD7D1A



1A9AFD

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.



00ACFF



FD7D1A



00C1E3

Square

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



FD7D1A



00BC4C



00BCFF



F26BF1

Rectangle

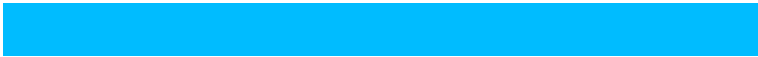
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FD7D1A



99AB00



00BCFF



4E9BFF

Sweetspot

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



FD7D1A



FFD8BA



FD1A9B



806857



000000



808080

Same Dimension

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



FD7D1A



FF6F00



FDEE1A



807873



BF5300



401C00

Inverse Universe

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



1A9AFD



0090FF



1A29FD



737A80



006CBF



002440

Previews

White Background



This preview shows how the Hex color FD7D1A looks on a white background.

Color Contrast Check

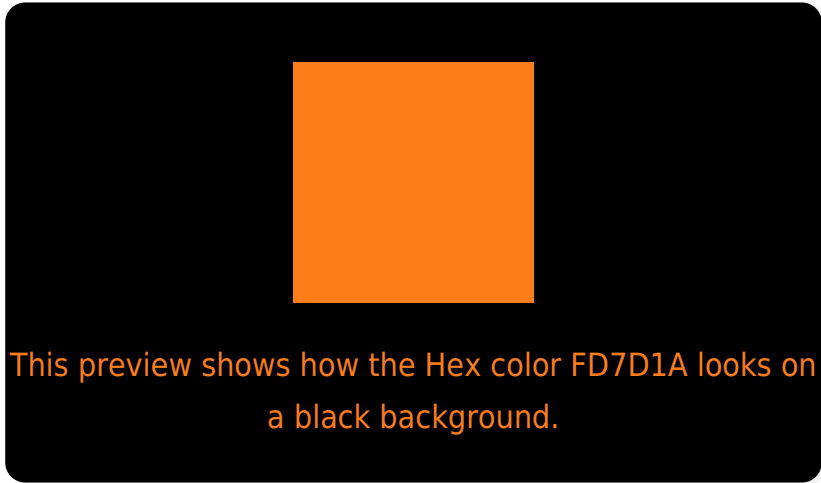
Large Text (above 18pt) WCAG AA × Fail

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 FD7D1A Background



This preview shows how black text looks on a background with the Hex color FD7D1A.



This preview shows how white text looks on a background with the Hex color FD7D1A.

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
FD7D1A

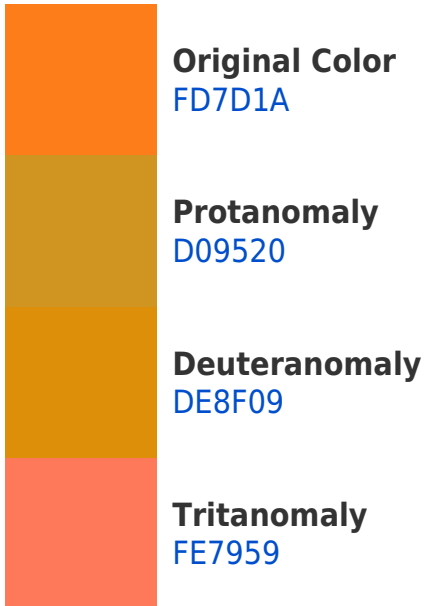
Protanopia
B6A224

Deuteranopia
CC9900

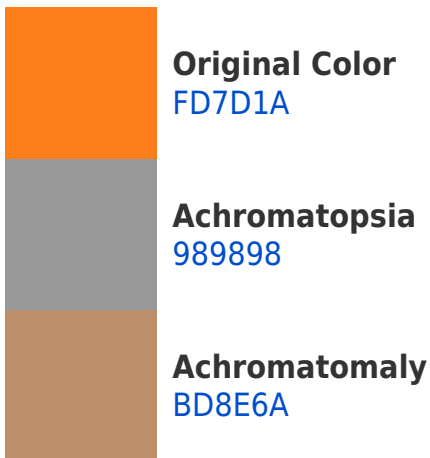


Tritanopia
FF767D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FD7D1A 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 #FD7D1A looks like.

```
.text, #text, p{  
    color:#FD7D1A  
}
```

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 #FD7D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD7D1A
}
```

Border

The CSS property to change the border of an element to Hex FD7D1A 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
#FD7D1A }
```

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

```
.border{ border-color:#FD7D1A }
```

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

Here you see how a box with a 4 pixel #FD7D1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD7D1A; -webkit-box-shadow:4px 4px  
4px 4px #FD7D1A; box-shadow:4px 4px 4px  
4px #FD7D1A }
```

Background

The CSS property to change the background color of an element to Hex FD7D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD7D1A }
```

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

```
.background{ background-color:#FD7D1A }
```

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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