

Converting Colors

Hex(FF7A14)

Have a look what the booklet for
Hex(FF7A14) contains.

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Color

Hex(F7A14)

Conversions

Conversions Part 1

Format	Color
Hex	FF7A14
RGB	255, 122, 20
RGB Percent	100%, 48%, 8%
CMY	0.0000, 0.5216, 0.9216
CMYK	0.00, 0.52, 0.92, 0.00
HSL	26°, 100%, 54%
HSV	26°, 92%, 100%
XYZ	48.3258, 35.2296, 4.9148
YIQ	150.1390, 112.0100, -3.5260

Conversions

Conversions Part 2

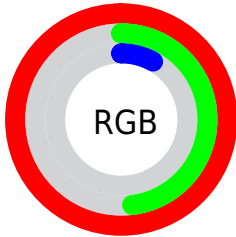
Format	Color
R_{YB}	255, 200, 20
Decimal	16742932
CIE _{Lab}	65.93, 45.94, 70.04
CIE _{LCh}	66, 83.763, 56.741
Yxy	35.2296, 0.5462, 0.3982
Android (android.graphics.Color)	4294933012 (0xFFFF7A14)
YUV	150.1390, -64.1585, 91.9631
Hunter-Lab	59.3545, 41.4624, 36.6387

Details

The Hex color **FF7A14** 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 **1499FF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB150**, and **BE4500** is the 20% darker color. If you saturate the color by 10%, you get **FF6F00**, and if you desaturate by 10%, it is **FF882E**.

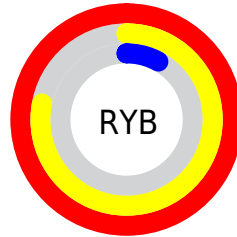
Distribution



Red (100%)

Green (48%)

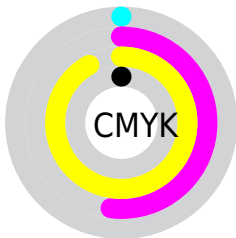
Blue (8%)



Red (100%)

Yellow (78%)

Blue (8%)

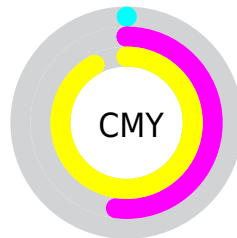


Cyan (0%)

Magenta (52%)

Yellow (92%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7A14 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 FF7A14 by changing the saturation by 10% instead.

 FF7A14

 FF7A14

FFFFFF

 DF6000

 FFB150

 BE4500

 FFCD6B

 9F2A00

 FFE986

 800900

 FFFFA2

 610000

 FFFFBE

 440000

 FFFFDA

 290001

 FFFFF8

 000000

 FF7A14

 FF7A14

 FF6F00

 FF882E

 FF9747

 FFA561

 FFB47A

 FFC293

 FFD1AD

 FFDFC7

 FFEDE0

 FFFCFA

Harmonies

Analogous

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



FF5562



FF7A14



C89A00

Triad

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



FF7A14



00C195



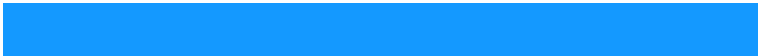
8890FF

Complementary

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



FF7A14



1499FF

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



FF7A14



00C1E2

Square

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



FF7A14



00BB47



00BCFF



F168F4

Rectangle

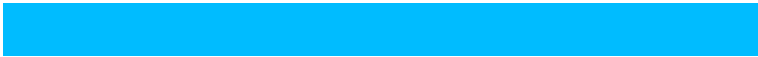
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF7A14



99AA00



00BCFF



3B9BFF

Sweetspot

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



FF7A14



FFD7B8



FF1499



806754



000000



808080

Same Dimension

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



FF7A14



FF6F00



FFEF14



807873



BF5300



401C00

Inverse Universe

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



1499FF



0090FF



1424FF



737A80



006CBF



002440

Previews

White Background



This preview shows how the Hex color FF7A14 looks on a white background.

Color Contrast Check

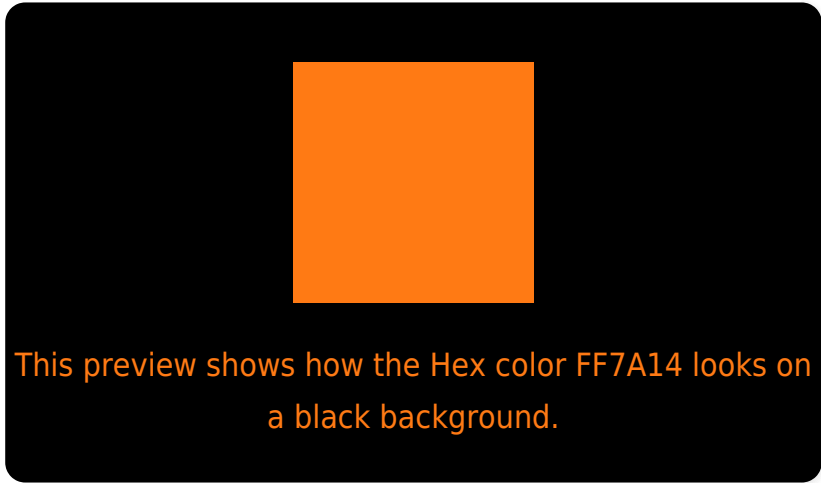
Large Text (above 18pt) WCAG AA × Fail

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 FF7A14 Background



This preview shows how black text looks on a background with the Hex color FF7A14.



This preview shows how white text looks on a background with the Hex color FF7A14.

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
FF7A14

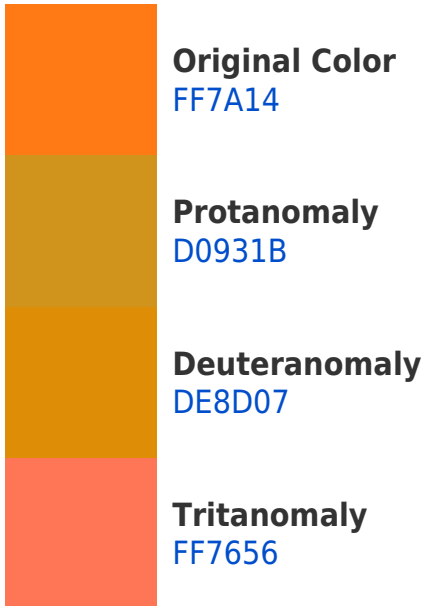
Protanopia
B5A11F

Deuteranopia
CB9800

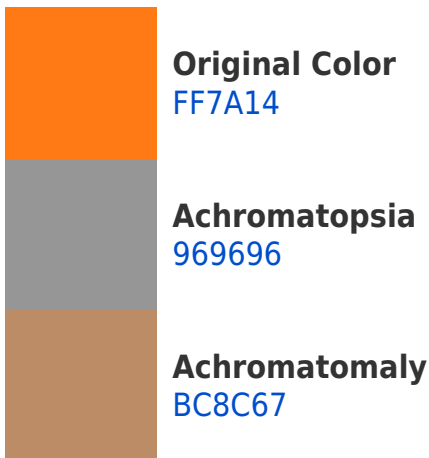


Tritanopia
FF747B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF7A14 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 #FF7A14 looks like.

```
.text, #text, p{  
    color:#FF7A14  
}
```

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 #FF7A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7A14
}
```

Border

The CSS property to change the border of an element to Hex FF7A14 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
#FF7A14 }
```

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

```
.border{ border-color:#FF7A14 }
```

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

Here you see how a box with a 4 pixel #FF7A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7A14; -webkit-box-shadow:4px 4px  
4px 4px #FF7A14; box-shadow:4px 4px 4px  
4px #FF7A14 }
```

Background

The CSS property to change the background color of an element to Hex FF7A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7A14 }
```

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

```
.background{ background-color:#FF7A14 }
```

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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