

Converting Colors

Hex(FF7F06)

Have a look what the booklet for
Hex(FF7F06) contains.

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Color

Hex(F77F06)

Conversions

Conversions Part 1

Format	Color
Hex	FF7F06
RGB	255, 127, 6
RGB Percent	100%, 50%, 2%
CMY	0.0000, 0.5020, 0.9765
CMYK	0.00, 0.50, 0.98, 0.00
HSL	29°, 100%, 51%
HSV	29°, 98%, 100%
XYZ	48.8622, 36.4519, 4.6329
YIQ	151.4780, 115.1290, -10.4950

Conversions

Conversions Part 2

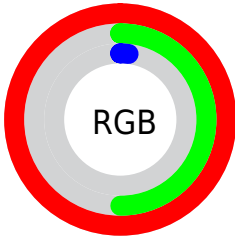
Format	Color
R _Y B	255, 241, 6
Decimal	16744198
CIE Lab	66.86, 43.37, 73.05
CIE LCh	67, 84.952, 59.301
Yxy	36.4519, 0.5432, 0.4053
Android (android.graphics.Color)	4294934278 (0xFFFF7F06)
YUV	151.4780, -71.7207, 90.7888
Hunter-Lab	60.3754, 38.8044, 37.7132

Details

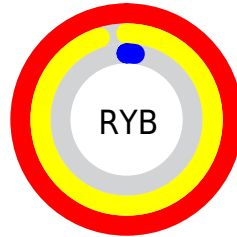
The Hex color **FF7F06** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **0686FF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB54B**, and **BE4B00** is the 20% darker color. If you saturate the color by 10%, you get **FF7C00**, and if you desaturate by 10%, it is **FF8C20**.

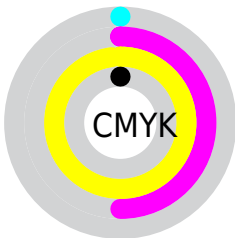
Distribution



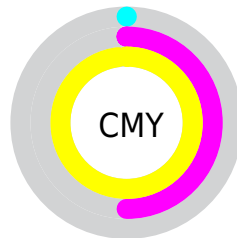
- Red (100%)
- Green (50%)
- Blue (2%)



- Red (100%)
- Yellow (95%)
- Blue (2%)



- Cyan (0%)
- Magenta (50%)
- Yellow (98%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7F06 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 FF7F06 by changing the saturation by 10% instead.

 FF7F06

 FF7F06

FFFFFF

 DF6500

 FFB54B

 BE4B00

 FFD266

 9F3100

 FFEE82

 801400

 FFFF9D

 620000

 FFFFBA

 450000

 FFFFD6

 2A0001

 FFFFF4

 000000

 FF7F06

 FF7F06

 FF7C00

 FF8C20

 FF9939

 FFA653

 FFB36C

 FFC186

 FFCE9F

 FFDBB9

 FFE8D2

 FFF5EC

Harmonies

Analogous

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



FF595D



FF7F06



C59F00

Triad

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



FF7F06



00C49F



978FFF

Complementary

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



FF7F06



0686FF

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



FF7F06



00C4EC

Square

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



FF7F06



00BF4E



00BEFF



FB66F2

Rectangle

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



FF7F06



95AE00



00BEFF



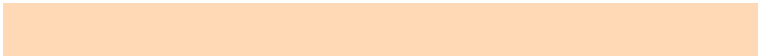
579AFF

Sweetspot

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



FF7F06



FFD9B5



FF0687



806953



000000



808080

Same Dimension

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



FF7F06



FF7C00



FFFB06



807973



BF5D00



401F00

Inverse Universe

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



0686FF



0083FF



060AFF



737980



0062BF



002140

Previews

White Background



This preview shows how the Hex color FF7F06 looks on a white background.

Color Contrast Check

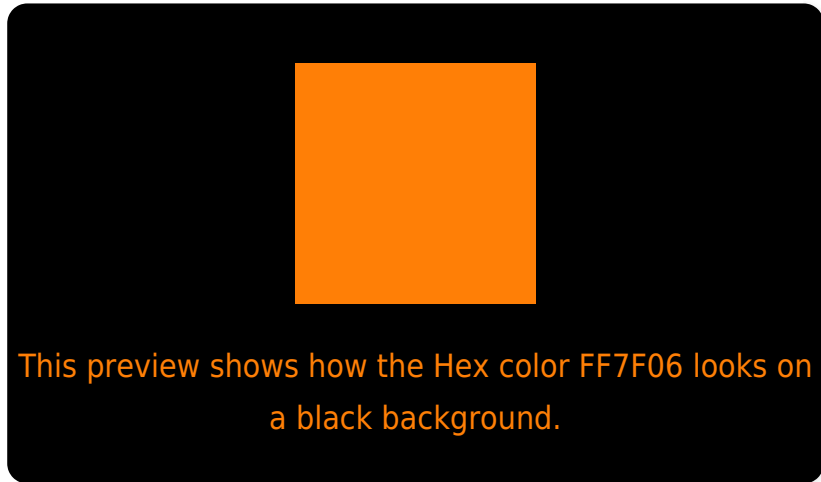
Large Text (above 18pt) WCAG AA × Fail

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 FF7F06 Background



This preview shows how black text looks on a background with the Hex color FF7F06.



This preview shows how white text looks on a background with the Hex color FF7F06.

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
FF7F06

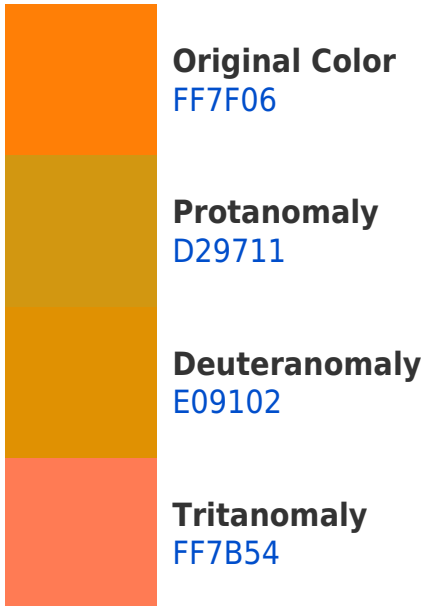
Protanopia
B8A417

Deuteranopia
CE9B00



Tritanopia
FF7980

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF7F06 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 #FF7F06 looks like.

```
.text, #text, p{  
    color:#FF7F06  
}
```

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 #FF7F06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7F06
}
```

Border

The CSS property to change the border of an element to Hex FF7F06 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
#FF7F06 }
```

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

```
.border{ border-color:#FF7F06 }
```

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

Here you see how a box with a 4 pixel #FF7F06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7F06; -webkit-box-shadow:4px 4px  
4px 4px #FF7F06; box-shadow:4px 4px 4px  
4px #FF7F06 }
```

Background

The CSS property to change the background color of an element to Hex FF7F06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7F06 }
```

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

```
.background{ background-color:#FF7F06 }
```

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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