

# Converting Colors

Hex(FF7D07)

Have a look what the booklet for  
Hex(FF7D07) contains.

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**Color**

**Hex(F77D07)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FF7D07                      |
| RGB         | 255, 125, 7                 |
| RGB Percent | 100%, 49%, 3%               |
| CMY         | 0.0000, 0.5098, 0.9725      |
| CMYK        | 0.00, 0.51, 0.97, 0.00      |
| HSL         | 29°, 100%, 51%              |
| HSV         | 29°, 97%, 100%              |
| XYZ         | 48.6120, 35.9426, 4.5765    |
| YIQ         | 150.4180, 115.3580, -9.1380 |

# Conversions

## Conversions Part 2

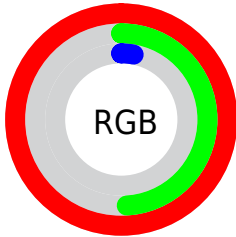
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">255, 232, 7</a>                                  |
| Decimal                             | <a href="#">16743687</a>                                     |
| CIELab                              | <a href="#">66.48, 44.36, 72.66</a>                          |
| CIELCh                              | <a href="#">66, 85.131, 58.598</a>                           |
| Yxy                                 | <a href="#">35.9426, 0.5454, 0.4033</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4294933767</a><br>( <a href="#">0xFFFF7D07</a> ) |
| YUV                                 | <a href="#">150.4180, -70.7051, 91.7184</a>                  |
| Hunter-Lab                          | <a href="#">59.9521, 39.8199, 37.4405</a>                    |

# Details

The Hex color **FF7D07** 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 **0789FF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB34B**, and **BE4900** is the 20% darker color. If you saturate the color by 10%, you get **FF7900**, and if you desaturate by 10%, it is **FF8A21**.

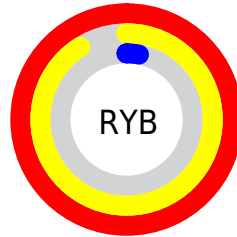
# Distribution



Red (100%)

Green (49%)

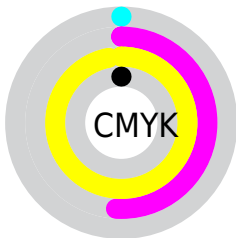
Blue (3%)



Red (100%)

Yellow (91%)

Blue (3%)

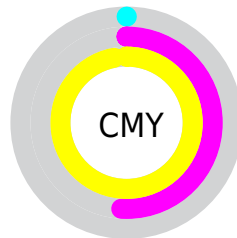


Cyan (0%)

Magenta (51%)

Yellow (97%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7D07 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 FF7D07 by changing the saturation by 10% instead.



 FF7D07

 FF7D07

FFFFFF

 DF6300

 FF834B

 BE4900

 FFD066

 9F2E00

 FFEC82

 801100

 FFFF9D

 610000

 FFFF82

 440000

 FFFFD6

 2A0001

 FFFFF3

 000000

 FF7D07

 FF7D07

 FF7900

 FF8A21

 FF983A

 FFA554

 FFB26D

 FFC087

 FFCDA0

 FFDBBA

 FFE8D3

 FFF5ED

# Harmonies

## Analogous

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



FF565D



FF7D07



C59D00

# Triad

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



FF7D07



00C39C



928FFF

# Complementary

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



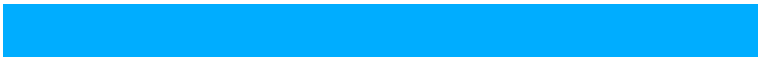
FF7D07



0789FF

# 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



FF7D07



00C3E9

# Square

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



FF7D07



00BE4B



00BDFE



F866F3

# Rectangle

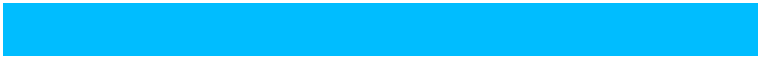
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF7D07



96AC00



00BDFF



4E9AFF



# Sweetspot

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



FF7D07



FFD8B5



FF078B



806853



000000



808080



# Same Dimension

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



FF7D07



FF7900



FFF707



807973



BF5B00



401E00



# Inverse Universe

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



0789FF



0086FF



070FFF



737980



0064BF



002140



# Previews

## White Background



This preview shows how the Hex color FF7D07 looks on a white background.

## Color Contrast Check

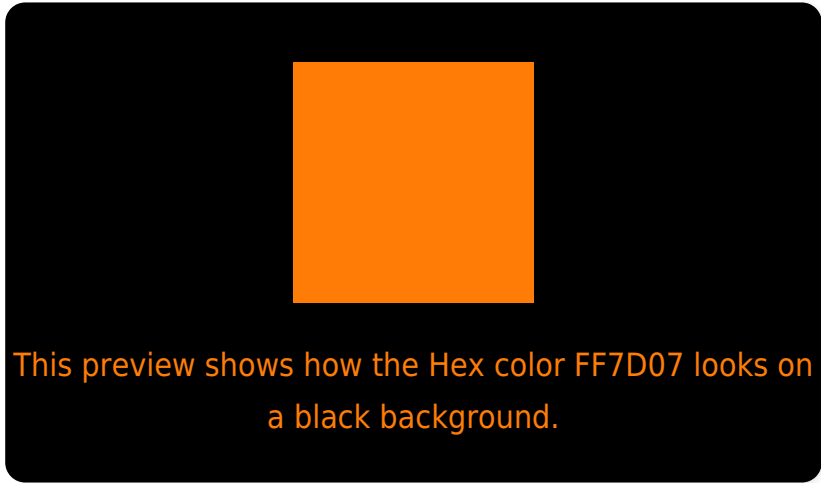
Large Text (above 18pt) WCAG AA × Fail

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 FF7D07 Background



This preview shows how black text looks on a background with the Hex color FF7D07.



This preview shows how white text looks on a background with the Hex color FF7D07.

# 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**  
FF7D07

**Protanopia**  
B7A318

**Deuteranopia**  
CD9A00



**Tritanopia**  
FF777E

# Trichromacy



**Original Color**  
FF7D07

**Protanomaly**  
D19512

**Deuteranomaly**  
DF8F03

**Tritanomaly**  
FF7953

# Monochromacy



**Original Color**  
FF7D07

**Achromatopsia**  
969696

**Achromatomaly**  
BC8D62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7D07 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 #FF7D07 looks like.

```
.text, #text, p{  
    color:#FF7D07  
}
```

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 #FF7D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7D07
}
```

## Border

The CSS property to change the border of an element to Hex FF7D07 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
#FF7D07 }
```

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

```
.border{ border-color:#FF7D07 }
```

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

Here you see how a box with a 4 pixel #FF7D07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7D07; -webkit-box-shadow:4px 4px  
4px 4px #FF7D07; box-shadow:4px 4px 4px  
4px #FF7D07 }
```

# Background

The CSS property to change the background color of an element to Hex FF7D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7D07 }
```

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

```
.background{ background-color:#FF7D07 }
```

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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