

Converting Colors

Hex(FF7817)

Have a look what the booklet for
Hex(FF7817) contains.

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Color

Hex(F77817)

Conversions

Conversions Part 1

Format	Color
Hex	FF7817
RGB	255, 120, 23
RGB Percent	100%, 47%, 9%
CMY	0.0000, 0.5294, 0.9098
CMYK	0.00, 0.53, 0.91, 0.00
HSL	25°, 100%, 55%
HSV	25°, 91%, 100%
XYZ	48.1111, 34.7548, 4.9832
YIQ	149.3070, 111.5970, -1.5470

Conversions

Conversions Part 2

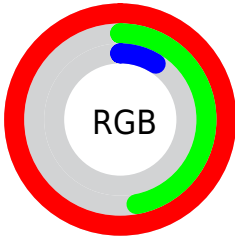
Format	Color
R _Y B	255, 190, 23
Decimal	16742423
CIE Lab	65.56, 46.94, 69.08
CIE LCh	66, 83.515, 55.803
Yxy	34.7548, 0.5477, 0.3956
Android (android.graphics.Color)	4294932503 (0xFFFF7817)
YUV	149.3070, -62.2694, 92.6928
Hunter-Lab	58.9532, 42.5040, 36.2556

Details

The Hex color **FF7817** 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 **179EFF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFAF51**, and **BE4300** is the 20% darker color. If you saturate the color by 10%, you get **FF6B00**, and if you desaturate by 10%, it is **FF8731**.

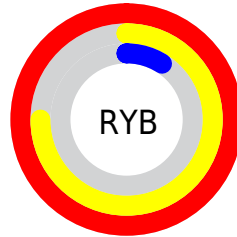
Distribution



Red (100%)

Green (47%)

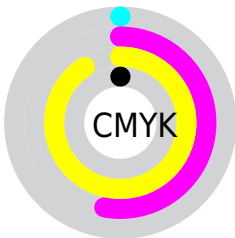
Blue (9%)



Red (100%)

Yellow (75%)

Blue (9%)

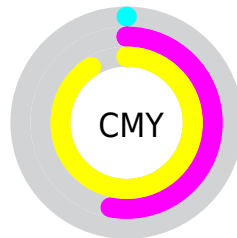


Cyan (0%)

Magenta (53%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7817 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 FF7817 by changing the saturation by 10% instead.

 FF7817

 FF7817

FFFFFF

 DF5D00

 FFAF51

 BE4300

 FFCB6C

 9F2800

 FFE887

 7F0400

 FFFFA3

 610000

 FFFFBF

 440000

 FFFFDC

 290001

 FFFFF9

 000000

 FF7817

 FF7817

 FF6B00

 FF8731

 FF964A

 FFA563

 FFB37D

 FFC296

 FFD1B0

 FFE0CA

 FFEFE3

 FFFEFC

Harmonies

Analogous

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



FF5363



FF7817



C89800

Triad

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



FF7817



00BF92



8290FF

Complementary

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



FF7817



179EFF

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



FF7817



00C0DF

Square

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



FF7817



00BA43



00BBFF



EE69F5

Rectangle

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



FF7817



9BA800



00BBFF



2C9BFF

Sweetspot

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



FF7817



FFD7BA



FF179E



806857



000000



808080

Same Dimension

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



FF7817



FF6B00



FFEC17



807873



BF5000



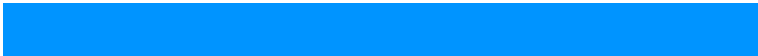
401B00

Inverse Universe

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



179EFF



0094FF



172AFF



737A80



006FBF



002540

Previews

White Background



This preview shows how the Hex color FF7817 looks on a white background.

Color Contrast Check

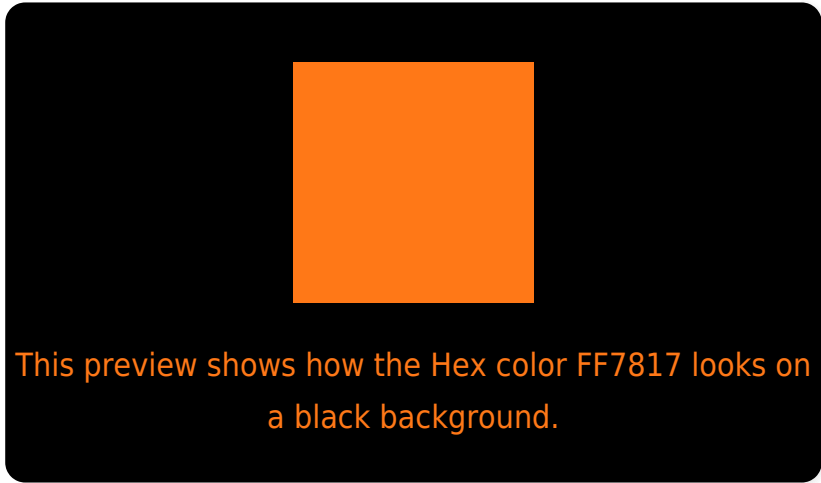
Large Text (above 18pt) WCAG AA × Fail

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 FF7817 Background



This preview shows how black text looks on a background with the Hex color FF7817.



This preview shows how white text looks on a background with the Hex color FF7817.

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
FF7817

Protanopia
B4A022

Deuteranopia
CA9700



Tritanopia
FF7279

Trichromacy



Original Color
FF7817

Protanomaly
CF911E

Deuteranomaly
DD8C08

Tritanomaly
FF7455

Monochromacy



Original Color
FF7817

Achromatopsia
959595

Achromatomaly
BC8A67

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7817 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 #FF7817 looks like.

```
.text, #text, p{  
    color:#FF7817  
}
```

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 #FF7817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7817
}
```

Border

The CSS property to change the border of an element to Hex FF7817 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
#FF7817 }
```

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

```
.border{ border-color:#FF7817 }
```

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

Here you see how a box with a 4 pixel #FF7817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7817; -webkit-box-shadow:4px 4px  
4px 4px #FF7817; box-shadow:4px 4px 4px  
4px #FF7817 }
```

Background

The CSS property to change the background color of an element to Hex FF7817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7817 }
```

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

```
.background{ background-color:#FF7817 }
```

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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