

Converting Colors

Hex(FD7C16)

Have a look what the booklet for
Hex(FD7C16) contains.

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Color

Hex(FD7C16)

Conversions

Conversions Part 1

Format	Color
Hex	FD7C16
RGB	253, 124, 22
RGB Percent	99%, 49%, 9%
CMY	0.0078, 0.5137, 0.9137
CMYK	0.00, 0.51, 0.91, 0.01
HSL	26°, 98%, 54%
HSV	26°, 91%, 99%
XYZ	47.8605, 35.3559, 5.0609
YIQ	150.9430, 109.6260, -4.3740

Conversions

Conversions Part 2

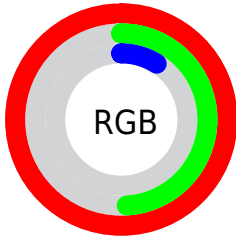
Format	Color
R _Y B	253, 205, 22
Decimal	16612374
CIE Lab	66.02, 44.23, 69.51
CIE LCh	66, 82.392, 57.531
Yxy	35.3559, 0.5422, 0.4005
Android (android.graphics.Color)	4294802454 (0xFFFD7C16)
YUV	150.9430, -63.5689, 89.5040
Hunter-Lab	59.4608, 39.6197, 36.5762

Details

The Hex color **FD7C16** 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 **1697FD**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB251**, and **BD4800** is the 20% darker color. If you saturate the color by 10%, you get **FD7000**, and if you desaturate by 10%, it is **FD8A2F**.

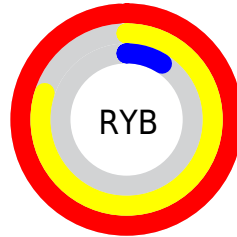
Distribution



Red (99%)

Green (49%)

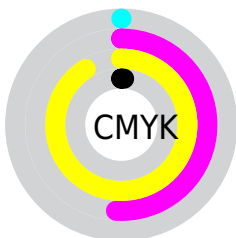
Blue (9%)



Red (99%)

Yellow (80%)

Blue (9%)

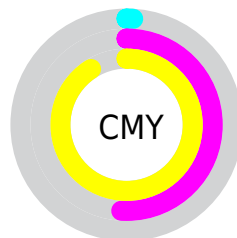


Cyan (0%)

Magenta (51%)

Yellow (91%)

Black (1%)



Cyan (1%)

Magenta (51%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD7C16 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 FD7C16 by changing the saturation by 10% instead.

 FD7C16

 FD7C16

FFFFFF

 DD6200

 FFB251

 BD4800

 FFCF6C

 9D2D00

 FFE887

 7E0F00

 FFFFA3

 600000

 FFFFBF

 430000

 FFFFDC

 280001

 FFFFF9

 000000

 FD7C16

 FD7C16

 FD7000

 FD8A2F

 FD9849

 FDA662

 FDB57B

 FDC395

 FDD1AE

 FDDFC7

 FDEDE0

 FDFBFA

Harmonies

Analogous

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



FF5861



FD7C16



C69B00

Triad

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



FD7C16



00C198



8D8FFF

Complementary

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



FD7C16



1697FD

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



FD7C16



00C1E3

Square

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



FD7C16



00BB4B



00BBFF



F269F1

Rectangle

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



FD7C16



98AA00



00BBFF



4A9AFF

Sweetspot

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



FD7C16



FFD9BA



FD1699



806957



000000



808080

Same Dimension

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



FD7C16



FF7100



FDEE16



807873



BF5400



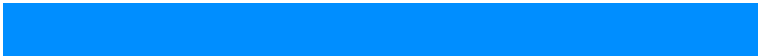
401C00

Inverse Universe

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



1697FD



008EFF



1625FD



737A80



006BBF



002440

Previews

White Background



This preview shows how the Hex color FD7C16 looks on a white background.

Color Contrast Check

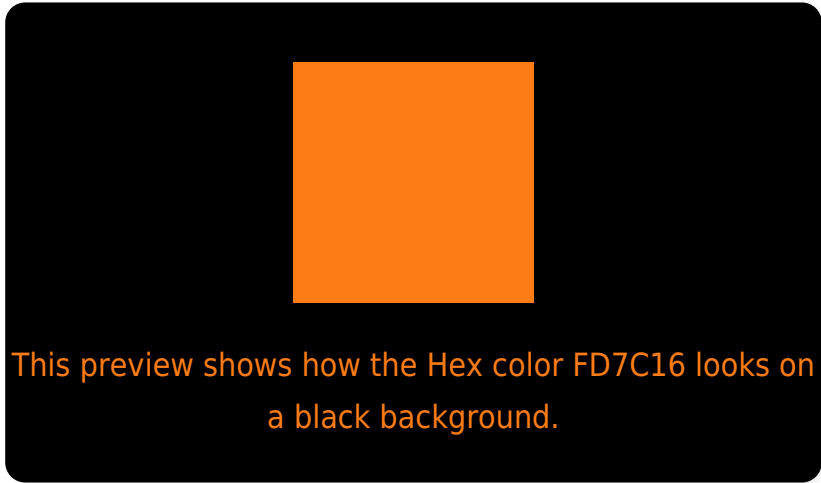
Large Text (above 18pt) WCAG AA × Fail

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 FD7C16 Background



This preview shows how black text looks on a background with the Hex color FD7C16.



This preview shows how white text looks on a background with the Hex color FD7C16.

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
FD7C16

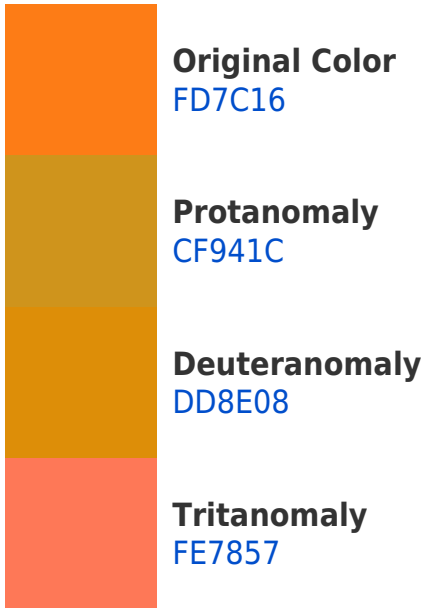
Protanopia
B5A120

Deuteranopia
CB9900



Tritanopia
FF757C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FD7C16 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 #FD7C16 looks like.

```
.text, #text, p{  
    color:#FD7C16  
}
```

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 #FD7C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD7C16
}
```

Border

The CSS property to change the border of an element to Hex FD7C16 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
#FD7C16 }
```

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

```
.border{ border-color:#FD7C16 }
```

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

Here you see how a box with a 4 pixel #FD7C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD7C16; -webkit-box-shadow:4px 4px  
4px 4px #FD7C16; box-shadow:4px 4px 4px  
4px #FD7C16 }
```

Background

The CSS property to change the background color of an element to Hex FD7C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD7C16 }
```

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

```
.background{ background-color:#FD7C16 }
```

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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