

Converting Colors

Hex(FD881C)

Have a look what the booklet for
Hex(FD881C) contains.

Hex(FD881C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FD881C)

Conversions

Conversions Part 1

Format	Color
Hex	FD881C
RGB	253, 136, 28
RGB Percent	99%, 53%, 11%
CMY	0.0078, 0.4667, 0.8902
CMYK	0.00, 0.46, 0.89, 0.01
HSL	29°, 98%, 55%
HSV	29°, 89%, 99%
XYZ	49.5218, 38.5748, 5.9342
YIQ	158.6710, 104.4000, -8.7840

Conversions

Conversions Part 2

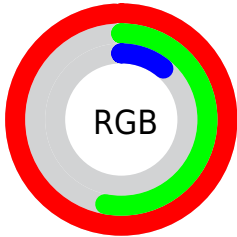
Format	Color
R _Y B	253, 236, 28
Decimal	16615452
CIE Lab	68.44, 38.36, 69.76
CIE LCh	68, 79.613, 61.194
Yxy	38.5748, 0.5267, 0.4102
Android (android.graphics.Color)	4294805532 (0xFFFD881C)
YUV	158.6710, -64.4208, 82.7265
Hunter-Lab	62.1086, 33.6354, 37.8111

Details

The Hex color **FD881C** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **1C91FD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBE56**, and **BD5400** is the 20% darker color. If you saturate the color by 10%, you get **FD7B03**, and if you desaturate by 10%, it is **FD9535**.

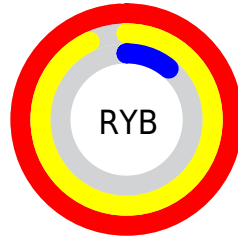
Distribution



Red (99%)

Green (53%)

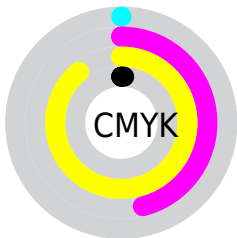
Blue (11%)



Red (99%)

Yellow (93%)

Blue (11%)

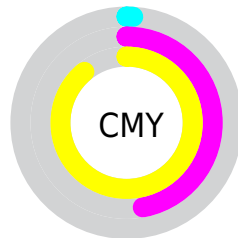


Cyan (0%)

Magenta (46%)

Yellow (89%)

Black (1%)



Cyan (1%)

Magenta (47%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD881C 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 FD881C by changing the saturation by 10% instead.

 FD881C

 FD881C

FFFFFF

 DD6E00

 FFBE56

 BD5400

 FFDB71

 9E3B00

 FFF78D

 7F2200

 FFFFA9

 610400

 FFFFC5

 450000

 FFFF2

 2C0001

 000000

 FD881C

 FD881C

 FD7B03

 FD9535

 FD7900

 FDA24F

 FDAF68

 FDBD81

 FDCA9B

 FDD7B4

 FDE4CD

 FDF1E6

 FDFFEF

Harmonies

Analogous

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



FF6761



FD881C



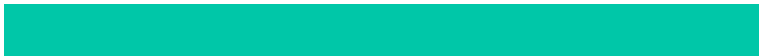
C5A500

Triad

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



FD881C



00C7A8



A792FF

Complementary

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



FD881C



1C91FD

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.



00AFFF



FD881C



00C7F0

Square

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



FD881C



00C35D



00C0FF



FE6FEE

Rectangle

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



FD881C



97B300



00C0FF



759DFF

Sweetspot

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



FD881C



FFDBBA



FD1C94



806A57



000000



808080

Same Dimension

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



FD881C



FF7A00



FDF61C



807973



BF5C00



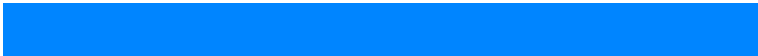
401F00

Inverse Universe

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



1C91FD



0085FF



1C23FD



737980



0063BF



002140

Previews

White Background



This preview shows how the Hex color FD881C looks on a white background.

Color Contrast Check

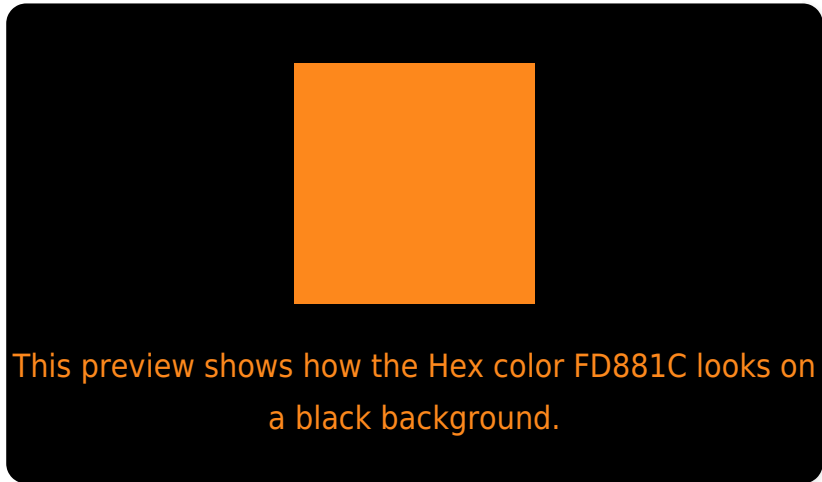
Large Text (above 18pt) WCAG AA × Fail

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 FD881C Background



This preview shows how black text looks on a background with the Hex color FD881C.



This preview shows how white text looks on a background with the Hex color FD881C.

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
FD881C

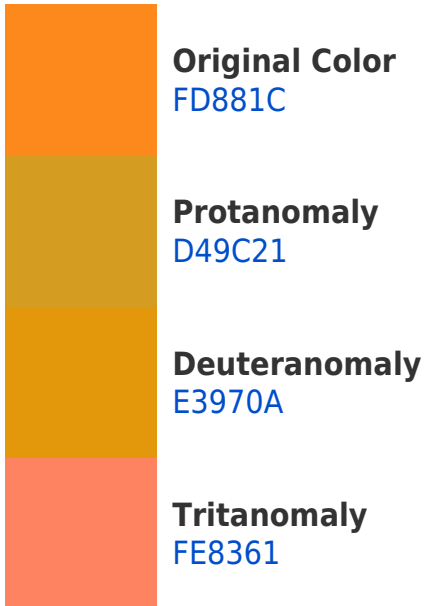
Protanopia
BCA824

Deuteranopia
D49F00



Tritanopia
FF8089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FD881C 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 #FD881C looks like.

```
.text, #text, p{  
    color:#FD881C  
}
```

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 #FD881C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD881C
}
```

Border

The CSS property to change the border of an element to Hex FD881C 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
#FD881C }
```

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

```
.border{ border-color:#FD881C }
```

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

Here you see how a box with a 4 pixel #FD881C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD881C; -webkit-box-shadow:4px 4px  
4px 4px #FD881C; box-shadow:4px 4px 4px  
4px #FD881C }
```

Background

The CSS property to change the background color of an element to Hex FD881C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD881C }
```

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

```
.background{ background-color:#FD881C }
```

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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