

Converting Colors

Hex(FD890F)

Have a look what the booklet for
Hex(FD890F) contains.

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Color

Hex(FD890F)

Conversions

Conversions Part 1

Format	Color
Hex	FD890F
RGB	253, 137, 15
RGB Percent	99%, 54%, 6%
CMY	0.0078, 0.4627, 0.9412
CMYK	0.00, 0.46, 0.94, 0.01
HSL	31°, 98%, 53%
HSV	31°, 94%, 99%
XYZ	49.5399, 38.8085, 5.3317
YIQ	157.7760, 108.2980, -13.3500

Conversions

Conversions Part 2

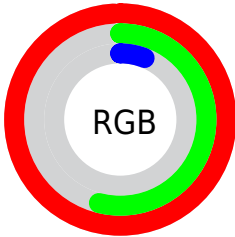
Format	Color
R _Y B	241, 253, 15
Decimal	16615695
CIE Lab	68.61, 37.68, 72.71
CIE LCh	69, 81.895, 62.609
Yxy	38.8085, 0.5288, 0.4143
Android (android.graphics.Color)	4294805775 (0xFFFD890F)
YUV	157.7760, -70.3886, 83.5114
Hunter-Lab	62.2964, 32.9295, 38.5331

Details

The Hex color **FD890F** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **0F83FD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBF50**, and **BD5500** is the 20% darker color. If you saturate the color by 10%, you get **FD8200**, and if you desaturate by 10%, it is **FD9528**.

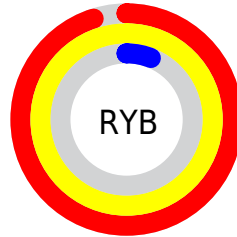
Distribution



Red (99%)

Green (54%)

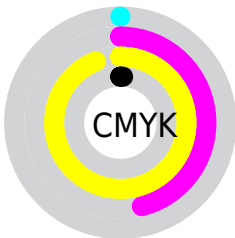
Blue (6%)



Red (95%)

Yellow (99%)

Blue (6%)

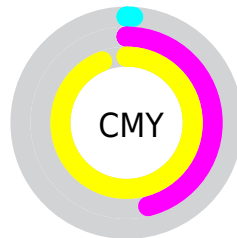


Cyan (0%)

Magenta (46%)

Yellow (94%)

Black (1%)



Cyan (1%)

Magenta (46%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD890F 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 FD890F by changing the saturation by 10% instead.

 FD890F

 FD890F

FFFFFF

 DD6F00

 FFBF50

 BD5500

 FFDC6B

 9E3C00

 FFF887

 7F2300

 FFFFA2

 610600

 FFFFBF

 440000

 FFFFDC

 2C0001

 FFFFF9

 000000

 FD890F

 FD890F

■ FD8200

■ FD9528

■ FDA242

■ FDAE5B

■ FD8A74

■ FDC78D

■ FDD3A7

■ FDDFC0

■ FDECD9

■ FDF8F3

Harmonies

Analogous

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



FF665C



FD890F



C3A600

Triad

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



FD890F



00C8AC



AC90FF

Complementary

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



FD890F



0F83FD

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



FD890F



00C8F6

Square

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



FD890F



00C45F



00C0FF



FF6BED

Rectangle

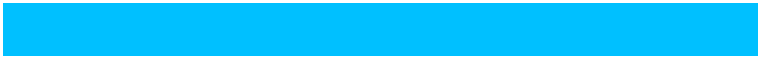
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FD890F



93B400



00C0FF



7B9CFF

Sweetspot

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



FD890F



FFDCB8



FD0F86



806A54



000000



808080

Same Dimension

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



FD890F



FF8300



FDFD0F



807973



BF6200



402100

Inverse Universe

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



0F83FD



007CFF



0F0FFD



737980



005DBF



001F40

Previews

White Background



This preview shows how the Hex color FD890F looks on a white background.

Color Contrast Check

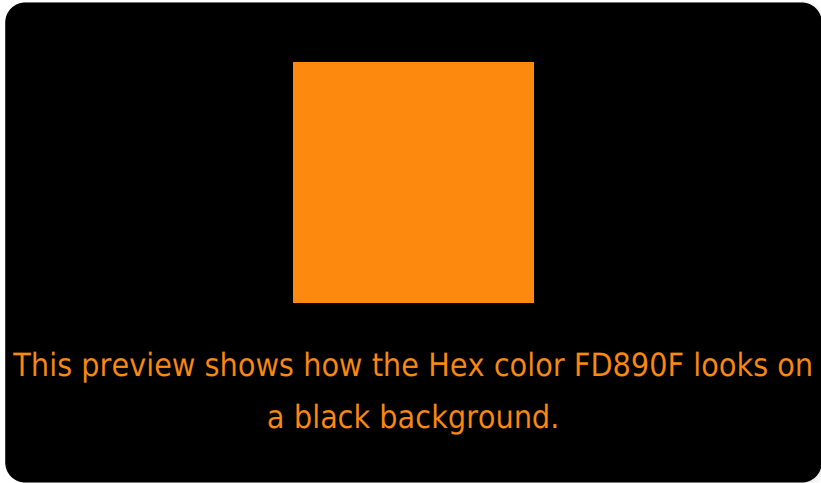
Large Text (above 18pt) WCAG AA × Fail

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 FD890F Background



This preview shows how black text looks on a background with the Hex color FD890F.

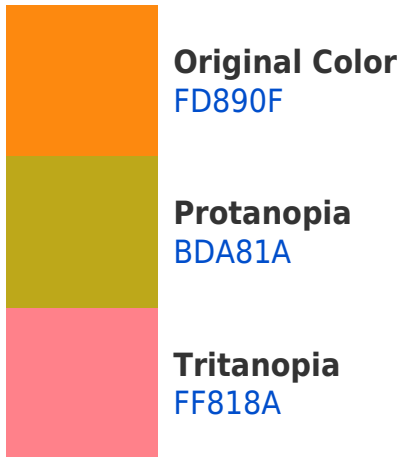


This preview shows how white text looks on a background with the Hex color FD890F.

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



Trichromacy



Original Color
FD890F

Protanomaly
D49D16

Tritanomaly
FE845D

Monochromacy



Original Color
FD890F

Achromatopsia
9E9E9E

Achromatomaly
C1966A

CSS Examples

Text

The CSS property to change the color of the text to Hex FD890F 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 #FD890F looks like.

```
.text, #text, p{  
    color:#FD890F  
}
```

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 #FD890F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD890F
}
```

Border

The CSS property to change the border of an element to Hex FD890F 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
#FD890F }
```

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

```
.border{ border-color:#FD890F }
```

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

Here you see how a box with a 4 pixel #FD890F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD890F; -webkit-box-shadow:4px 4px  
4px 4px #FD890F; box-shadow:4px 4px 4px  
4px #FD890F }
```

Background

The CSS property to change the background color of an element to Hex FD890F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD890F }
```

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

```
.background{ background-color:#FD890F }
```

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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