

Converting Colors

Hex(F98800)

Have a look what the booklet for
Hex(F98800) contains.

Hex(F98800)	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(F98800)

Conversions

Conversions Part 1

Format	Color
Hex	F98800
RGB	249, 136, 0
RGB Percent	98%, 53%, 0%
CMY	0.0235, 0.4667, 1.0000
CMYK	0.00, 0.45, 1.00, 0.02
HSL	33°, 100%, 49%
HSV	33°, 100%, 98%
XYZ	47.8711, 37.7481, 4.7630
YIQ	154.2830, 111.0040, -18.3400

Conversions

Conversions Part 2

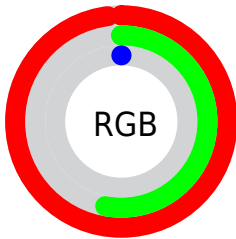
Format	Color
R_{YB}	207, 249, 0
Decimal	16353280
CIE _{Lab}	67.83, 36.46, 74.07
CIE _{LCh}	68, 82.559, 63.793
Yxy	37.7481, 0.5297, 0.4176
Android (android.graphics.Color)	4294543360 (0xFFFF98800)
YUV	154.2830, -76.0615, 83.0668
Hunter-Lab	61.4394, 31.5608, 38.4112

Details

The Hex color **F98800** 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 **0071F9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFBE4A**, and **B95500** is the 20% darker color. If you saturate the color by 10%, you get **F98800**, and if you desaturate by 10%, it is **F99319**.

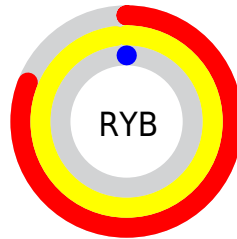
Distribution



Red (98%)

Green (53%)

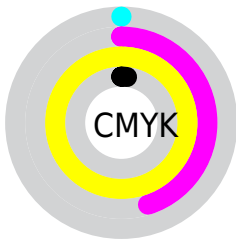
Blue (0%)



Red (81%)

Yellow (98%)

Blue (0%)

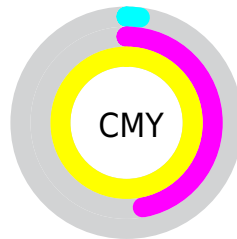


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F98800 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 F98800 by changing the saturation by 10% instead.

 F98800

 F98800

FFFFFF

 D96E00

 FFBE4A

 B95500

 FFDA66

 9A3C00

 FFF781

 7B2300

 FFFF9D

 5E0600

 FFFFB9

 410000

 FFFFD6

 280001

 FFFFF4

 000000

 F98800

 F99319

 F99F32

 F9AA4B

 F9B564

 F9C17D

 F9CC95

 F9D7AE

 F9E2C7

 F9EEE0

Harmonies

Analogous

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



FF6457



F98800



BEA500

Triad

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



F98800



00C6AD



AF8DFF

Complementary

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



F98800



0071F9

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



F98800



00C6F7

Square

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



F98800



00C25F



00BEFF



FF66E9

Rectangle

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



F98800



8DB300



00BEFF



7F98FF

Sweetspot

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



F98800



FFDCB3



F90074



806B52



000000



808080

Same Dimension

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



F98800



FF8B00



F1F900



7D7770



BD6700



3D2100

Inverse Universe

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



0071F9



0074FF



0800F9



70767D



0056BD



001C3D

Previews

White Background



This preview shows how the Hex color F98800 looks on a white background.

Color Contrast Check

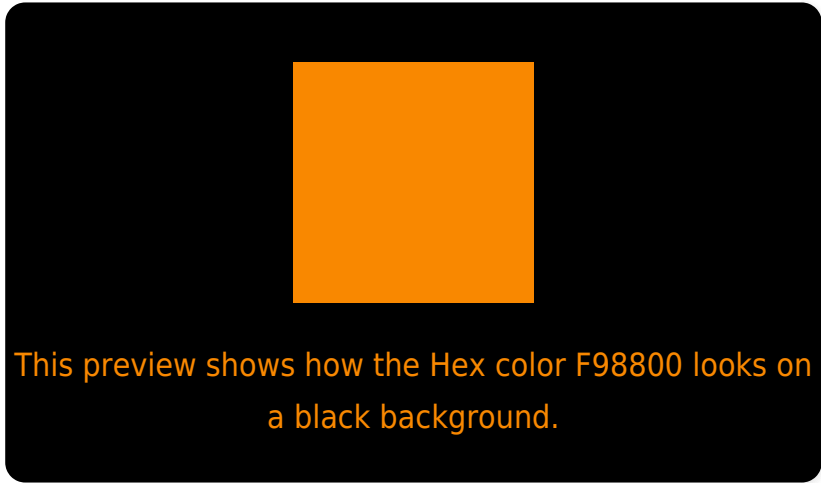
Large Text (above 18pt) WCAG AA × Fail

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 F98800 Background



This preview shows how black text looks on a background with the Hex color F98800.



This preview shows how white text looks on a background with the Hex color F98800.

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
F98800

Protanopia
BBA614

Deuteranopia
D19D00



Tritanopia
FE7E87

Trichromacy



Original Color
F98800

Protanomaly
D29B0D

Deuteranomaly
E09500

Tritanomaly
FC8256

Monochromacy



Original Color
F98800

Achromatopsia
9A9A9A

Achromatomaly
BD9362

CSS Examples

Text

The CSS property to change the color of the text to Hex F98800 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 #F98800 looks like.

```
.text, #text, p{  
    color:#F98800  
}
```

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 #F98800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F98800
}
```

Border

The CSS property to change the border of an element to Hex F98800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

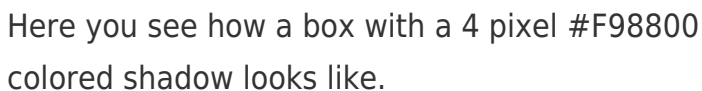
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F98800 }
```

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

```
.border{ border-color:#F98800 }
```

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



Here you see how a box with a 4 pixel #F98800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F98800; -webkit-box-shadow:4px 4px  
4px 4px #F98800; box-shadow:4px 4px 4px  
4px #F98800 }
```

Background

The CSS property to change the background color of an element to Hex F98800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F98800 }
```

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

```
.background{ background-color:#F98800 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor