

Converting Colors

Hex(FE8718)

Have a look what the booklet for
Hex(FE8718) contains.

Hex(FE8718)	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(FE8718)

Conversions

Conversions Part 1

Format	Color
Hex	FE8718
RGB	254, 135, 24
RGB Percent	100%, 53%, 9%
CMY	0.0039, 0.4706, 0.9059
CMYK	0.00, 0.47, 0.91, 0.00
HSL	29°, 99%, 55%
HSV	29°, 91%, 100%
XYZ	49.7019, 38.4647, 5.6690
YIQ	157.9270, 106.5550, -9.2930

Conversions

Conversions Part 2

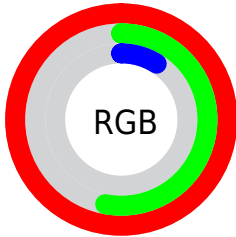
Format	Color
RYB	254, 239, 24
Decimal	16680728
CIELab	68.36, 39.20, 70.77
CIELCh	68, 80.899, 61.020
Yxy	38.4647, 0.5297, 0.4099
Android (android.graphics.Color)	4294870808 (0xFFFE8718)
YUV	157.9270, -66.0260, 84.2560
Hunter-Lab	62.0199, 34.5125, 37.9945

Details

The Hex color **FE8718** 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 **188FFE**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFBD54**, and **BE5300** is the 20% darker color. If you saturate the color by 10%, you get **FE7B00**, and if you desaturate by 10%, it is **FE9431**.

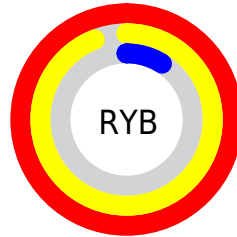
Distribution



Red (100%)

Green (53%)

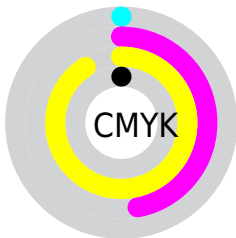
Blue (9%)



Red (100%)

Yellow (94%)

Blue (9%)

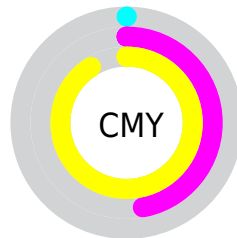


Cyan (0%)

Magenta (47%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FE8718 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 FE8718 by changing the saturation by 10% instead.

 FE8718

 FE8718

FFFFFF

 DE6D00

 FFBD54

 BE5300

 FFDA6F

 9F3A00

 FFF68A

 802000

 FFFFA6

 620100

 FFFFC2

 450000

 FFFFDF

 2C0001

 FFFFFD

 000000

 FE8718

 FE8718

 FE7B00

 FE9431

 FEA14B

 FEAE64

 FEBC7E

 FEC997

 FED6B0

 FEE3CA

 FEF0E3

 FEFDFF

Harmonies

Analogous

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



FF6560



FE8718



C5A400

Triad

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



FE8718



00C7A7



A592FF

Complementary

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



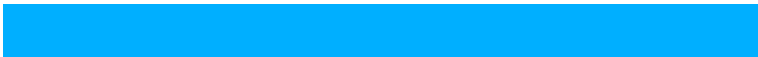
FE8718



188FFE

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



FE8718



00C7F0

Square

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



FE8718



00C35B



00C0FF



FF6DEF

Rectangle

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



FE8718



97B200



00C0FF



729DFF

Sweetspot

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



FE8718



FFDBBA



FE1893



806A57



000000



808080

Same Dimension

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



FE8718



FF7B00



FEF618



807973



BF5C00



401F00

Inverse Universe

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



188FFE



0084FF



1820FE



737980



0063BF



002140

Previews

White Background



This preview shows how the Hex color FE8718 looks on a white background.

Color Contrast Check

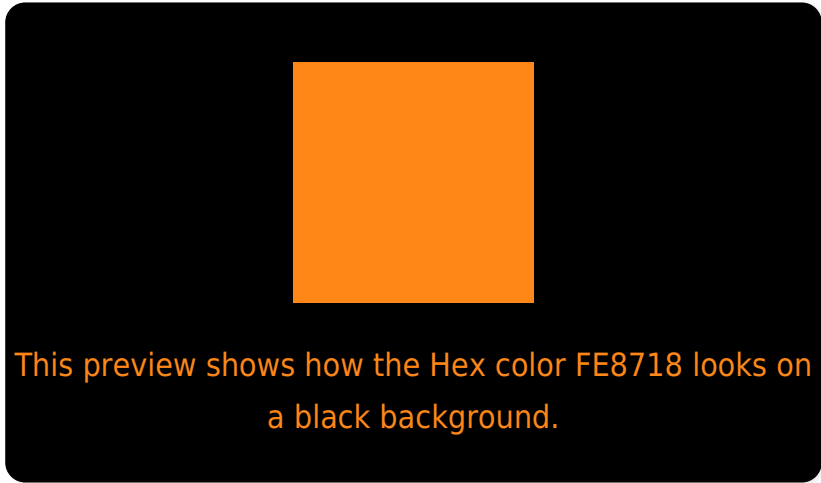
Large Text (above 18pt) WCAG AA × Fail

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 FE8718 Background



This preview shows how black text looks on a background with the Hex color FE8718.



This preview shows how white text looks on a background with the Hex color FE8718.

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
FE8718

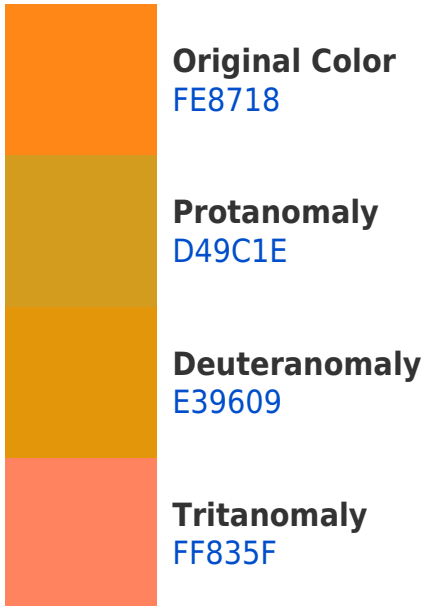
Protanopia
BCA821

Deuteranopia
D39E00



Tritanopia
FF8088

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FE8718 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 #FE8718 looks like.

```
.text, #text, p{  
    color:#FE8718  
}
```

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 #FE8718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE8718  
}
```

Border

The CSS property to change the border of an element to Hex FE8718 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  
#FE8718 }
```

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

```
.border{ border-color:#FE8718 }
```

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

Here you see how a box with a 4 pixel #FE8718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE8718; -webkit-box-shadow:4px 4px  
4px 4px #FE8718; box-shadow:4px 4px 4px  
4px #FE8718 }
```

Background

The CSS property to change the background color of an element to Hex FE8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE8718 }
```

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

```
.background{ background-color:#FE8718 }
```

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