

Converting Colors

Hex(F8580E)

Have a look what the booklet for
Hex(F8580E) contains.

Hex(F8580E)	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(F8580E)

Conversions

Conversions Part 1

Format	Color
Hex	F8580E
RGB	248, 88, 14
RGB Percent	97%, 35%, 5%
CMY	0.0275, 0.6549, 0.9451
CMYK	0.00, 0.65, 0.94, 0.03
HSL	19°, 94%, 51%
HSV	19°, 94%, 97%
XYZ	42.2804, 26.9676, 3.3923
YIQ	127.4040, 119.1140, 10.9060

Conversions

Conversions Part 2

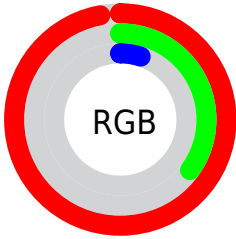
Format	Color
R _Y B	248, 122, 14
Decimal	16275470
CIE Lab	58.94, 58.65, 66.28
CIE LCh	59, 88.503, 48.497
Yxy	26.9676, 0.5821, 0.3712
Android (android.graphics.Color)	4294465550 (0xFFFF8580E)
YUV	127.4040, -55.9082, 105.7627
Hunter-Lab	51.9303, 54.4521, 32.4782

Details

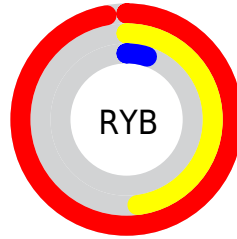
The Hex color **F8580E** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **0EAEF8**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9048**, and **B71800** is the 20% darker color. If you saturate the color by 10%, you get **F84E00**, and if you desaturate by 10%, it is **F86927**.

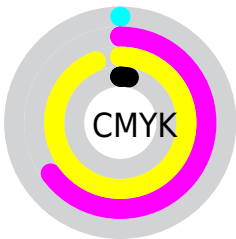
Distribution



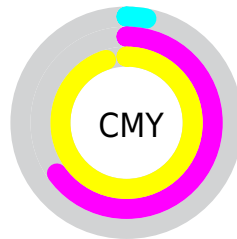
- Red (97%)
- Green (35%)
- Blue (5%)



- Red (97%)
- Yellow (48%)
- Blue (5%)



- Cyan (0%)
- Magenta (65%)
- Yellow (94%)
- Black (3%)



- Cyan (3%)
- Magenta (65%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color F8580E 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 F8580E by changing the saturation by 10% instead.

 F8580E

 F8580E

FFFFFF

 D73B00

 FF9048

 B71800

 FFAC62

 960000

 FFC97D

 770000

 FFE698

 580000

 FFFFB3

 3D0003

 FFFF00

 170000

 FFFFEC

 000000

 F8580E

 F8580E

 F84E00

 F86927

 F87A40

 F88B58

 F89C71

 F8AD8A

 F8BEA3

 F8CFBC

 F8E0D4

 F8F1ED

Harmonies

Analogous

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



FF2162



F8580E



C48000

Triad

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



F8580E



00AD6C



0087FF

Complementary

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



F8580E



0EAEF8

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.



00A0FF



F8580E



00AFBD

Square

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



F8580E



00A609



00ACFF



CA5DF6

Rectangle

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



F8580E



989200



00ACFF



0091FF

Sweetspot

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



F8580E



FFCEB8



F80EB2



806254



000000



808080

Same Dimension

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



F8580E



FF5100



F8C90E



7D7470



BD3C00



3D1300

Inverse Universe

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



0EAEF8



00AEFF



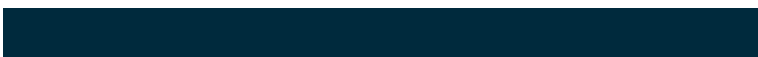
0E3DF8



70797D



0081BD



002A3D

Previews

White Background



This preview shows how the Hex color F8580E looks on a white background.

Color Contrast Check

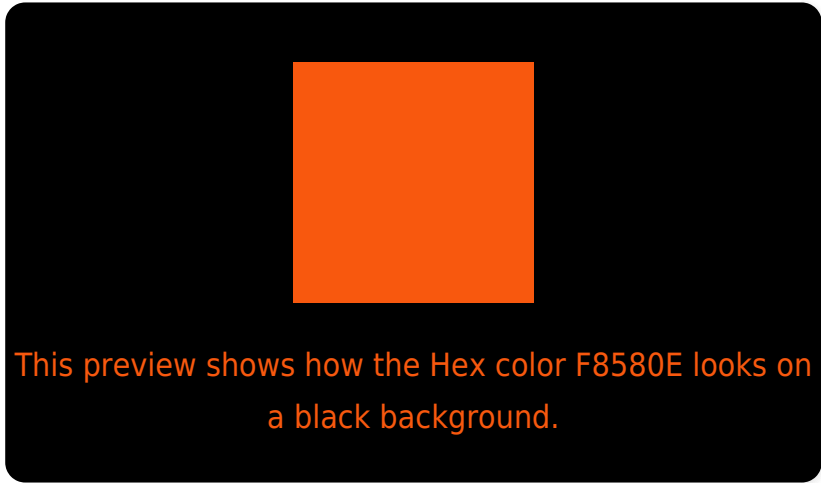
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F8580E Background



This preview shows how black text looks on a background with the Hex color F8580E.



This preview shows how white text looks on a background with the Hex color F8580E.

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

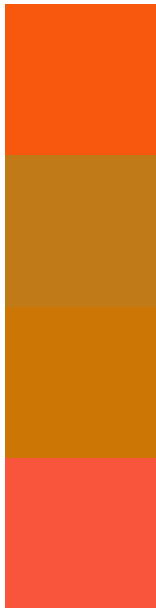


Original Color
F8580E

Protanopia
A0F1E

Deuteranopia
B38700

Trichromacy



Original Color
F8580E

Protanomaly
C07B18

Deuteranomaly
CC7605

Tritanomaly
F9543C

Monochromacy



Original Color
F8580E

Achromatopsia
7F7F7F

Achromatomaly
AB7156

CSS Examples

Text

The CSS property to change the color of the text to Hex F8580E 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 #F8580E looks like.

```
.text, #text, p{  
    color:#F8580E  
}
```

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 #F8580E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8580E
}
```

Border

The CSS property to change the border of an element to Hex F8580E 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
#F8580E }
```

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

```
.border{ border-color:#F8580E }
```

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

Here you see how a box with a 4 pixel #F8580E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8580E; -webkit-box-shadow:4px 4px  
4px 4px #F8580E; box-shadow:4px 4px 4px  
4px #F8580E }
```

Background

The CSS property to change the background color of an element to Hex F8580E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8580E }
```

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

```
.background{ background-color:#F8580E }
```

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