

Converting Colors

Hex(F5805E)

Have a look what the booklet for
Hex(F5805E) contains.

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Color

Hex(F5805E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5805E |
| RGB | 245, 128, 94 |
| RGB Percent | 96%, 50%, 37% |
| CMY | 0.0392, 0.4980, 0.6314 |
| CMYK | 0.00, 0.48, 0.62, 0.04 |
| HSL | 14°, 88%, 66% |
| HSV | 14°, 62%, 96% |
| XYZ | 47.3957, 35.6590, 14.9745 |
| YIQ | 159.1070, 80.6460, 14.2300 |

Conversions

Conversions Part 2

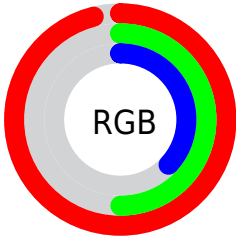
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 245, 138, 94 |
| Decimal | 16089182 |
| CIELab | 66.26, 41.93, 38.59 |
| CIELCh | 66, 56.986, 42.623 |
| Yxy | 35.6590, 0.4835, 0.3638 |
| Android (android.graphics.Color) | 4294279262 (0xFFFF5805E) |
| YUV | 159.1070, -32.0978, 75.3282 |
| Hunter-Lab | 59.7151, 37.1735, 26.9327 |

Details

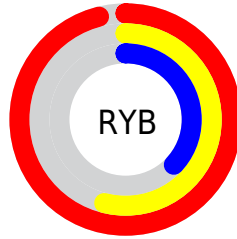
The Hex color **F5805E** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5ED3F5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB791**, and **B74C2E** is the 20% darker color. If you saturate the color by 10%, you get **F56D46**, and if you desaturate by 10%, it is **F59377**.

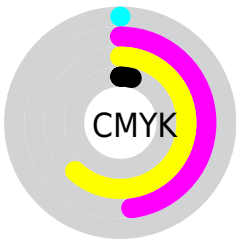
Distribution



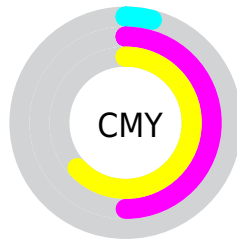
- Red (96%)
- Green (50%)
- Blue (37%)



- Red (96%)
- Yellow (54%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (62%)
- Black (4%)



- Cyan (4%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5805E 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 F5805E by changing the saturation by 10% instead.

 F5805E

 F5805E

FFFFFF

 D66646

 FFB791

 B74C2E

 FFD3AC

 993218

 FFF0C7

 7C1600

 FFFFE4

 5E0000

 420000

 270001

 000000

 F5805E

 F5805E

 F56D46

 F59377

 F55A2D

 F5A68F

 F54715

 F5B9A8

 F53700

 F5CCC0

 F5DFD9

 F5F2F1

 F5FFFF

Harmonies

Analogous

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



FF738D



F5805E



D6943C

Triad

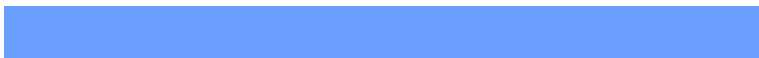
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F5805E



00B881



6B9FFF

Complementary

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



F5805E



5ED3F5

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



F5805E



00BAB6

Square

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



F5805E



70B152



00B8E5



C08BED

Rectangle

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



F5805E



B9A034



00B8E5



3AA5FF

Sweetspot

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



F5805E



FFDBD1



F55ED4



806A63



000000



808080

Same Dimension

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



F5805E



FF6D42



F5CA5E



7A716E



BA2A00



3B0D00

Inverse Universe

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



5ED3F5



42D5FF



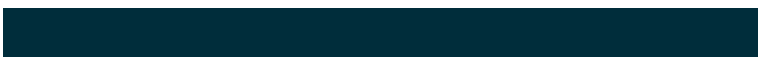
5E89F5



6E787A



0090BA



002D3B

Previews

White Background



This preview shows how the Hex color F5805E looks on a white background.

Color Contrast Check

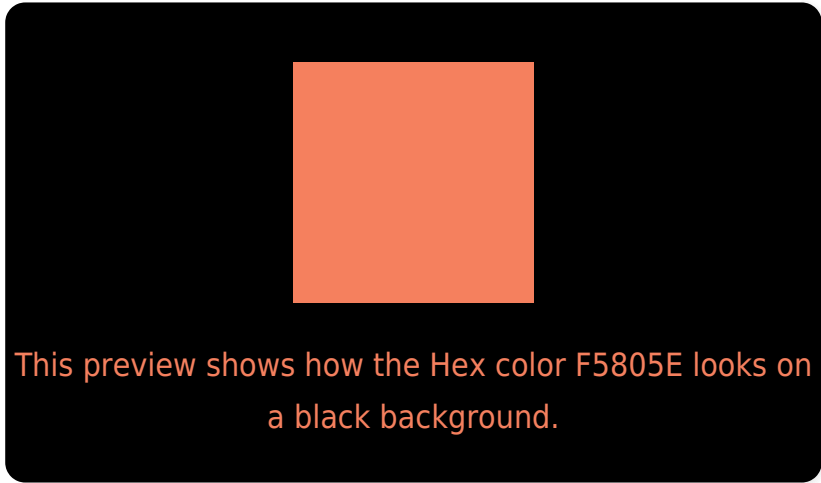
Large Text (above 18pt) WCAG AA × Fail

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 F5805E Background



This preview shows how black text looks on a background with the Hex color F5805E.

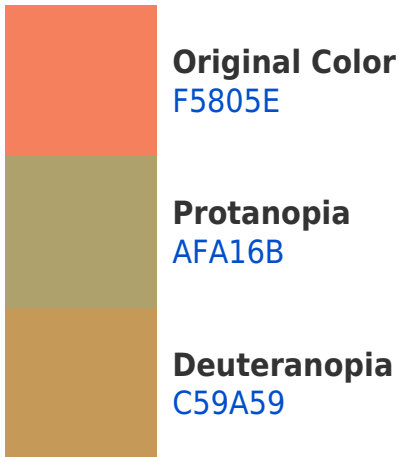


This preview shows how white text looks on a background with the Hex color F5805E.

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





Tritanopia
F77B84

Trichromacy



Original Color
F5805E



Protanomaly
C89566



Deuteranomaly
D6915B

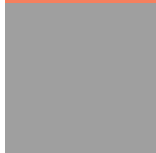


Tritanomaly
F67D76

Monochromacy



Original Color
F5805E



Achromatopsia
9F9F9F



Achromatomaly
BE9487

CSS Examples

Text

The CSS property to change the color of the text to Hex F5805E 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 #F5805E looks like.

```
.text, #text, p{  
    color:#F5805E  
}
```

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 #F5805E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5805E
}
```

Border

The CSS property to change the border of an element to Hex F5805E 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
#F5805E }
```

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

```
.border{ border-color:#F5805E }
```

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

Here you see how a box with a 4 pixel #F5805E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5805E; -webkit-box-shadow:4px 4px  
4px 4px #F5805E; box-shadow:4px 4px 4px  
4px #F5805E }
```

Background

The CSS property to change the background color of an element to Hex F5805E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5805E }
```

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

```
.background{ background-color:#F5805E }
```

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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