

# Converting Colors

Hex(F08859)

Have a look what the booklet for  
Hex(F08859) contains.

<b>Hex(F08859)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F08859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F08859
RGB	240, 136, 89
RGB Percent	94%, 53%, 35%
CMY	0.0588, 0.4667, 0.6510
CMYK	0.00, 0.43, 0.63, 0.06
HSL	19°, 83%, 65%
HSV	19°, 63%, 94%
XYZ	46.5425, 36.8549, 14.1118
YIQ	161.7380, 77.0710, 7.4310

# Conversions

## Conversions Part 2

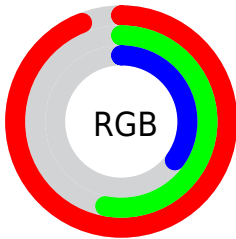
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 157, 89
Decimal	15763545
CIE <sub>Lab</sub>	67.17, 35.62, 42.18
CIE <sub>LCh</sub>	67, 55.207, 49.821
Yxy	36.8549, 0.4773, 0.3780
Android (android.graphics.Color)	4293953625 (0xFFFF08859)
YUV	161.7380, -35.8598, 68.6358
Hunter-Lab	60.7082, 30.6094, 28.7136

# Details

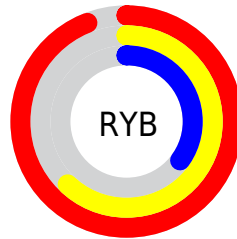
The Hex color **F08859** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **59C1F0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBE8C**, and **B35429** is the 20% darker color. If you saturate the color by 10%, you get **F07741**, and if you desaturate by 10%, it is **F09971**.

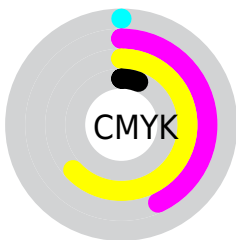
# Distribution



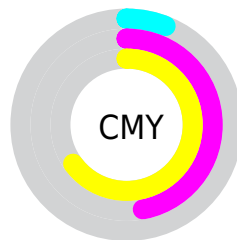
- Red (94%)
- Green (53%)
- Blue (35%)



- Red (94%)
- Yellow (62%)
- Blue (35%)



- Cyan (0%)
- Magenta (43%)
- Yellow (63%)
- Black (6%)



- Cyan (6%)
- Magenta (47%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F08859 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 F08859 by changing the saturation by 10% instead.



 F08859

 F08859

FFFFFF

 D16E41

 FFBE8C

 B35429

 FFDBA7

 953C11

 FFF7C2

 782300

 FFFFDF

 5B0600

 FFFFFB

 3F0000

 250001

 000000

 F08859

 F08859

 F07741

 F09971

 F06729

 F0A989

 F05611

 F0BAA1

 F04B00

 F0CAB9

 F0DBD1

 F0EBE9

 F0FCFF

 F0FFFF

# Harmonies

## Analogous

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



FF7A85



F08859



CE9B3E

# Triad

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



F08859



00BB90



899DFF

# Complementary

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



F08859



59C1F0

# 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.



00AEFF



F08859



00BCC4

# Square

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



F08859



64B661



00B8EE



D089E4

# Rectangle

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



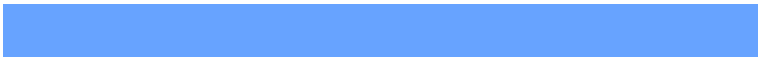
F08859



B0A63B



00B8EE



67A3FF

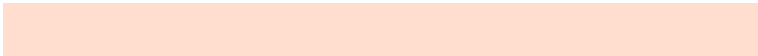


# Sweetspot

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



F08859



FFDECF



F059C3



806B62



000000



808080



# Same Dimension

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



F08859



FF7A3D



F0D259



78706C



B83900



381100



# Inverse Universe

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



59C1F0



3DC3FF



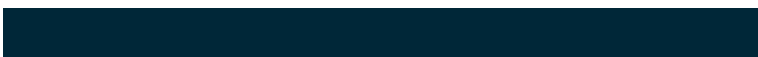
5977F0



6C7478



007EB8



002738



# Previews

## White Background



This preview shows how the Hex color F08859 looks on a white background.

## Color Contrast Check

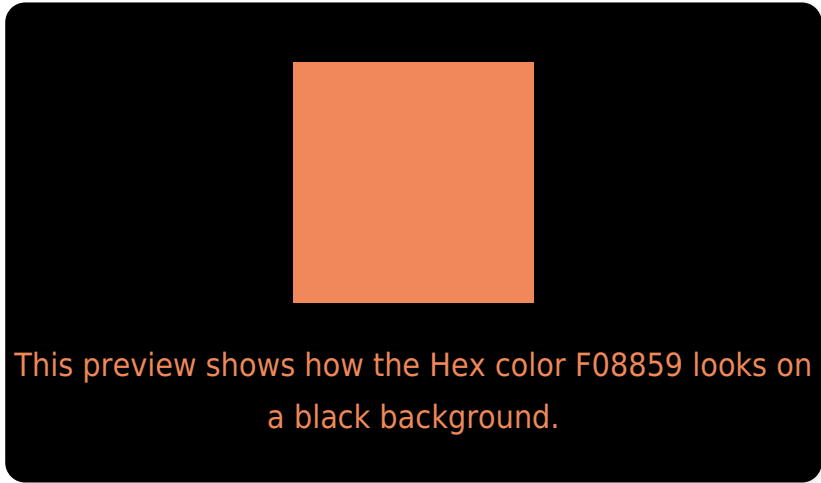
Large Text (above 18pt) WCAG AA × Fail

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 F08859 Background



This preview shows how black text looks on a background with the Hex color F08859.

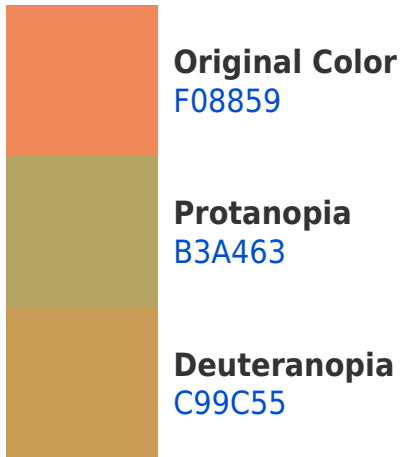


This preview shows how white text looks on a background with the Hex color F08859.

# 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**  
F3828B

# Trichromacy



**Original Color**  
F08859



**Protanomaly**  
C99A5F



**Deuteranomaly**  
D79556

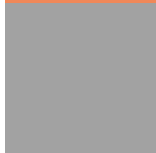


**Tritanomaly**  
F28479

# Monochromacy



**Original Color**  
F08859



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
BE9987

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F08859 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 #F08859 looks like.

```
.text, #text, p{  
    color:#F08859  
}
```

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 #F08859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F08859
}
```

## Border

The CSS property to change the border of an element to Hex F08859 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
#F08859 }
```

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

```
.border{ border-color:#F08859 }
```

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

Here you see how a box with a 4 pixel #F08859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F08859; -webkit-box-shadow:4px 4px  
4px 4px #F08859; box-shadow:4px 4px 4px  
4px #F08859 }
```

# Background

The CSS property to change the background color of an element to Hex F08859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F08859 }
```

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

```
.background{ background-color:#F08859 }
```

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