

# Converting Colors

Hex(F18459)

Have a look what the booklet for  
Hex(F18459) contains.

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**Color**

**Hex(F18459)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F18459
RGB	241, 132, 89
RGB Percent	95%, 52%, 35%
CMY	0.0549, 0.4824, 0.6510
CMYK	0.00, 0.45, 0.63, 0.05
HSL	17°, 84%, 65%
HSV	17°, 63%, 95%
XYZ	46.3301, 35.9246, 13.9435
YIQ	159.6890, 78.7670, 9.7350

# Conversions

## Conversions Part 2

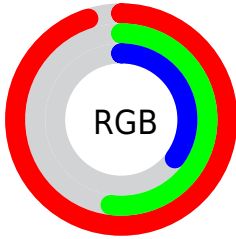
Format	Color
<b>RYB</b>	241, 149, 89
Decimal	15828057
CIELab	66.46, 38.06, 41.37
CIELCh	66, 56.212, 47.385
Yxy	35.9246, 0.4816, 0.3734
Android (android.graphics.Color)	4294018137 (0xFFFF18459)
YUV	159.6890, -34.8497, 71.3097
Hunter-Lab	59.9371, 33.0866, 28.1630

# Details

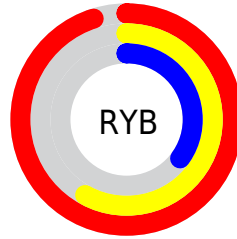
The Hex color **F18459** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **59C6F1**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFBA8C**, and **B45029** is the 20% darker color. If you saturate the color by 10%, you get **F17341**, and if you desaturate by 10%, it is **F19571**.

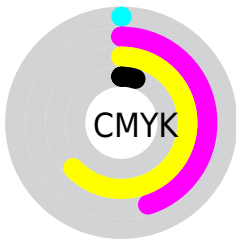
# Distribution



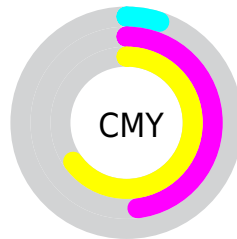
- Red (95%)
- Green (52%)
- Blue (35%)



- Red (95%)
- Yellow (58%)
- Blue (35%)



- Cyan (0%)
- Magenta (45%)
- Yellow (63%)
- Black (5%)



- Cyan (5%)
- Magenta (48%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F18459 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 F18459 by changing the saturation by 10% instead.



 F18459

 F18459

FFFFFF

 D26A41

 FFBA8C

 B45029

 FFD7A7

 963712

 FFF3C2

 781D00

 FFFFDE

 5B0000

 FFFFFB

 3F0000

 240001

 000000

 F18459

 F18459

 F17341

 F19571

 F16129

 F1A789

 F15011

 F1B8A1

 F14400

 F1C9B9

 F1DAD1

 F1ECEA

 F1FDFF

 F1FFFF

# Harmonies

## Analogous

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



FF7686



F18459



D0973B

# Triad

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



F18459



00B98A



7E9DFF

# Complementary

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



F18459



59C6F1

# 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.



00ADFF



F18459



00BBBE

# Square

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



F18459



67B35A



00B7EB



CA88E7

# Rectangle

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



F18459



B2A336



00B7EB



58A3FF



# Sweetspot

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



F18459



FFDCCF



F159C8



806A62



000000



808080



# Same Dimension

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



F18459



FF743D



F1CE59



786F6C



B83400



381000



# Inverse Universe

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



59C6F1



3DC8FF



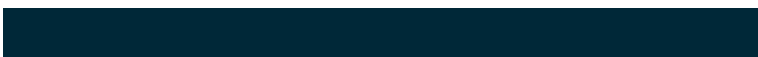
597CF1



6C7478



0084B8



002838



# Previews

## White Background



This preview shows how the Hex color F18459 looks on a white background.

## Color Contrast Check

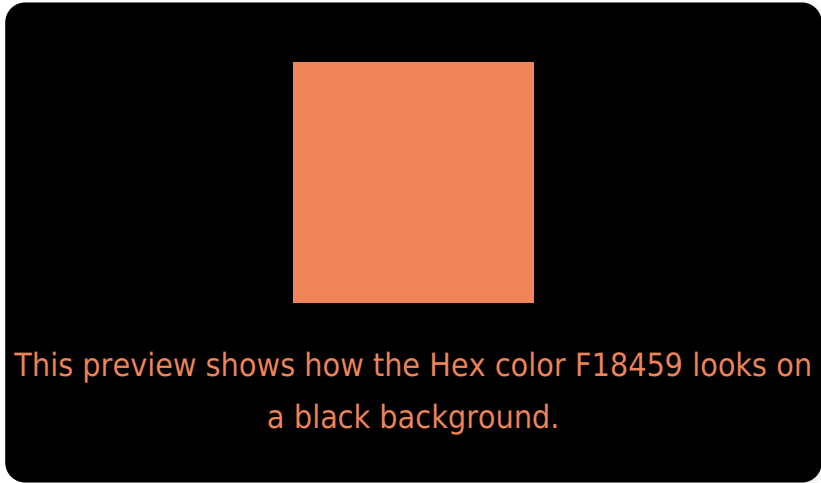
Large Text (above 18pt) WCAG AA × Fail

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 F18459 Background



This preview shows how black text looks on a background with the Hex color F18459.

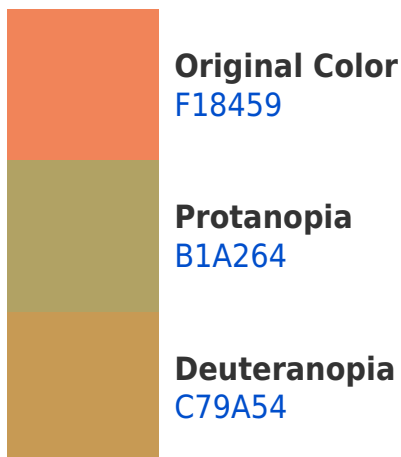


This preview shows how white text looks on a background with the Hex color F18459.

# 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**  
F47E87

# Trichromacy



**Original Color**  
F18459



**Protanomaly**  
C89760



**Deuteranomaly**  
D69256

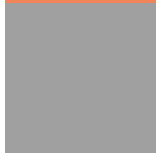


**Tritanomaly**  
F38076

# Monochromacy



**Original Color**  
F18459



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
BD9686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F18459 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 #F18459 looks like.

```
.text, #text, p{  
    color:#F18459  
}
```

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 #F18459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F18459
}
```

## Border

The CSS property to change the border of an element to Hex F18459 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
#F18459 }
```

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

```
.border{ border-color:#F18459 }
```

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

Here you see how a box with a 4 pixel #F18459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F18459; -webkit-box-shadow:4px 4px  
4px 4px #F18459; box-shadow:4px 4px 4px  
4px #F18459 }
```

# Background

The CSS property to change the background color of an element to Hex F18459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F18459 }
```

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

```
.background{ background-color:#F18459 }
```

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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