

# Converting Colors

Hex(F39460)

Have a look what the booklet for  
Hex(F39460) contains.

<b>Hex(F39460)</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(F39460)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F39460
RGB	243, 148, 96
RGB Percent	95%, 58%, 38%
CMY	0.0471, 0.4196, 0.6235
CMYK	0.00, 0.39, 0.60, 0.05
HSL	21°, 86%, 66%
HSV	21°, 60%, 95%
XYZ	49.6634, 41.0790, 16.3778
YIQ	170.4770, 73.3120, 3.9680

# Conversions

## Conversions Part 2

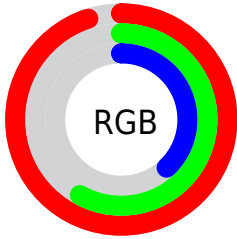
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 176, 96
Decimal	15963232
CIE <sub>Lab</sub>	70.23, 31.03, 42.31
CIE <sub>LCh</sub>	70, 52.471, 53.741
Yxy	41.0790, 0.4636, 0.3835
Android (android.graphics.Color)	4294153312 (0xFFFF39460)
YUV	170.4770, -36.7172, 63.6027
Hunter-Lab	64.0929, 26.1508, 29.7145

# Details

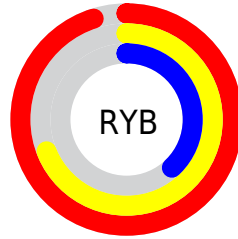
The Hex color **F39460** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60BFF3**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCB94**, and **B6602F** is the 20% darker color. If you saturate the color by 10%, you get **F38448**, and if you desaturate by 10%, it is **F3A478**.

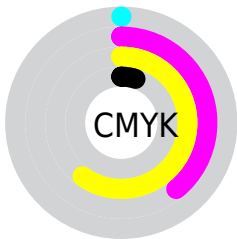
# Distribution



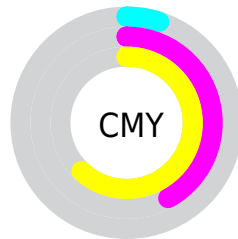
- Red (95%)
- Green (58%)
- Blue (38%)



- Red (95%)
- Yellow (69%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (60%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F39460 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 F39460 by changing the saturation by 10% instead.



 F39460

 F39460

FFFFFF

 D47A47

 FFCB94

 B6602F

 FFE7AF

 994818

 FFFFCA

 7C3000

 FFFFEE

 5F1700

 430000

 2C0001

 000000

 F39460

 F39460

 F38448

 F3A478

 F3752F

 F3B391

 F36517

 F3C3A9

 F35600

 F3D3C1

 F3E3D9

 F3F2F2

 F3FFFF

# Harmonies

## Analogous

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



FF8688



F39460



D0A64A

# Triad

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



F39460



00C3A0



9FA3FF

# Complementary

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



F39460



60BFF3

# 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.



2DB4FF



F39460



00C3D1

# Square

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



F39460



68BE71



00BFF8



DD90E5

# Rectangle

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



F39460



B2B04B



00BFF8



83A9FF



# Sweetspot

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



F39460



FFE1D1



F360C0



806D63



000000



808080



# Same Dimension

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



F39460



FF8745



F3DD60



7A726E



BA4200



3B1500



# Inverse Universe

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



60BFF3



45BDFF



6076F3



6E767A



0078BA



00263B



# Previews

## White Background



This preview shows how the Hex color F39460 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 F39460 Background



This preview shows how black text looks on a background with the Hex color F39460.

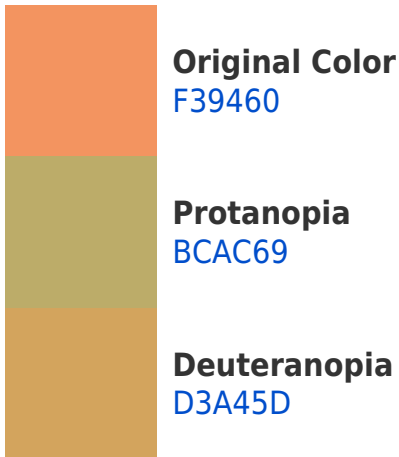


This preview shows how white text looks on a background with the Hex color F39460.

# 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](#).

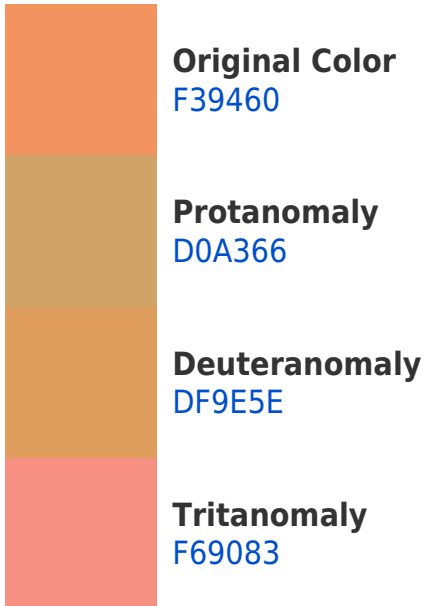
## Dichromacy



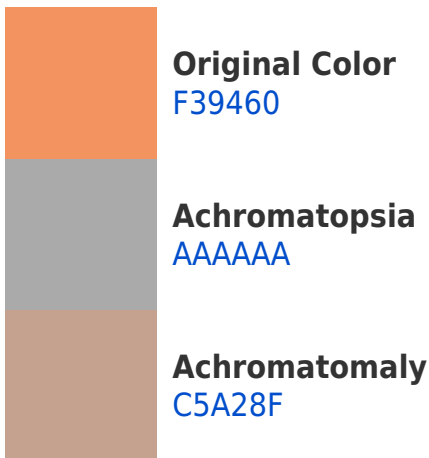


**Tritanopia**  
F78D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F39460 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 #F39460 looks like.

```
.text, #text, p{  
    color:#F39460  
}
```

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 #F39460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F39460
}
```

## Border

The CSS property to change the border of an element to Hex F39460 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
#F39460 }
```

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

```
.border{ border-color:#F39460 }
```

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

Here you see how a box with a 4 pixel #F39460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F39460; -webkit-box-shadow:4px 4px  
4px 4px #F39460; box-shadow:4px 4px 4px  
4px #F39460 }
```

# Background

The CSS property to change the background color of an element to Hex F39460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F39460 }
```

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

```
.background{ background-color:#F39460 }
```

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