

# Converting Colors

Hex(F3954C)

Have a look what the booklet for  
Hex(F3954C) contains.

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**Color**

**Hex(F3954C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3954C
RGB	243, 149, 76
RGB Percent	95%, 58%, 30%
CMY	0.0471, 0.4157, 0.7020
CMYK	0.00, 0.39, 0.69, 0.05
HSL	26°, 87%, 63%
HSV	26°, 69%, 95%
XYZ	49.0141, 41.0714, 12.1817
YIQ	168.7840, 79.4570, -2.7750

# Conversions

## Conversions Part 2

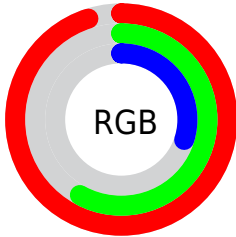
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 206, 76
Decimal	15963468
CIE <sub>Lab</sub>	70.23, 29.29, 52.29
CIE <sub>LCh</sub>	70, 59.940, 60.744
Yxy	41.0714, 0.4793, 0.4016
Android (android.graphics.Color)	4294153548 (0xFFFF3954C)
YUV	168.7840, -45.7425, 65.0874
Hunter-Lab	64.0870, 24.3657, 33.5910

# Details

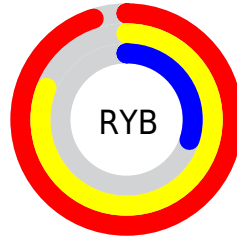
The Hex color **F3954C** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **4CAAF3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFCC80**, and **B66118** is the 20% darker color. If you saturate the color by 10%, you get **F38734**, and if you desaturate by 10%, it is **F3A364**.

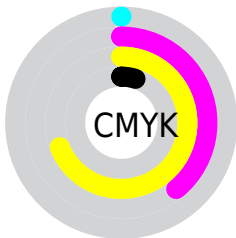
# Distribution



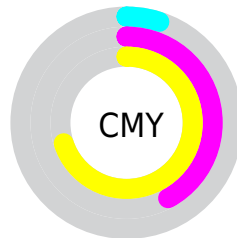
- Red (95%)
- Green (58%)
- Blue (30%)



- Red (95%)
- Yellow (81%)
- Blue (30%)



- Cyan (0%)
- Magenta (39%)
- Yellow (69%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3954C 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 F3954C by changing the saturation by 10% instead.



 F3954C

 F3954C

FFFFFF

 D47B33

 FFCC80

 B66118

 FFE89A

 984900

 FFFFB6

 7B3100

 FFFFD2

 5D1A00

 FFFFEE

 410100

 2A0001

 000000

 F3954C

 F3954C

 F38734

 F3A364

 F37A1B

 F3B07D

 F36C03

 F3BE95

 F36A00

 F3CCAD

 F3D9C5

 F3E7DE

 F3F5F6

 F3FFFF

# Harmonies

## Analogous

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



FF8277



F3954C



C8A937

# Triad

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



F3954C



00C6AB



AF9DFF

# Complementary

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



F3954C



4CAAF3

# 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.



2CB1FF



F3954C



00C5E2

# Square

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



F3954C



43C274



00BFFF



EF87E2

# Rectangle

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



F3954C



A5B43E



00BFFF



90A4FF

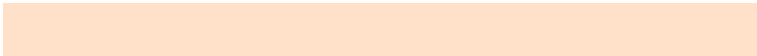


# Sweetspot

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



F3954C



FFE1C9



F34CAB



806E60



000000



808080



# Same Dimension

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



F3954C



FF892E



F3E84C



7A746E



BA5100



3B1A00



# Inverse Universe

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



4CAAF3



2EA4FF



4C57F3



6E757A



0069BA



00213B



# Previews

## White Background



This preview shows how the Hex color F3954C looks on a white background.

## Color Contrast Check

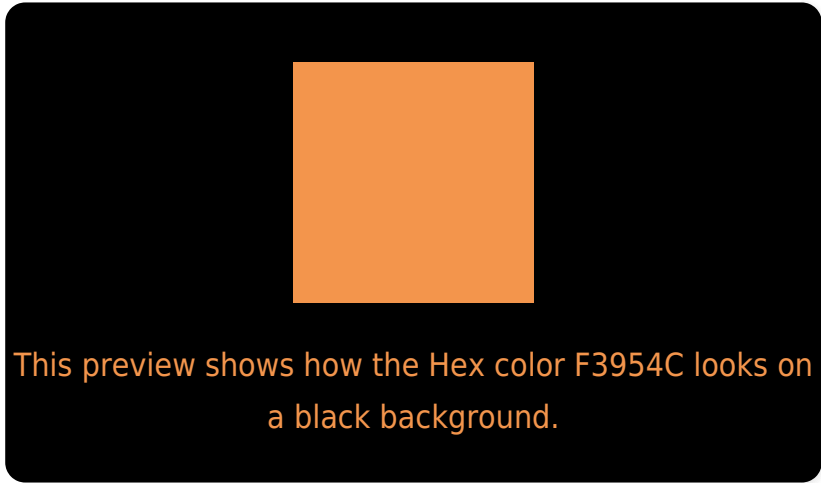
Large Text (above 18pt) WCAG AA × Fail

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 F3954C Background



This preview shows how black text looks on a background with the Hex color F3954C.

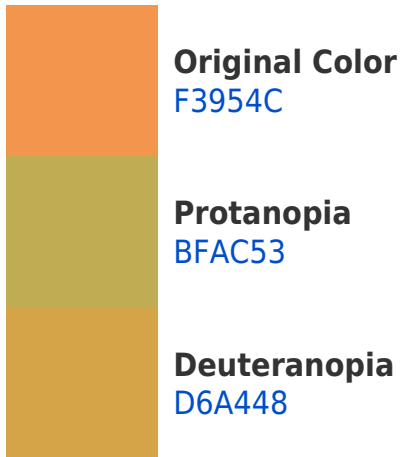


This preview shows how white text looks on a background with the Hex color F3954C.

# 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](#).

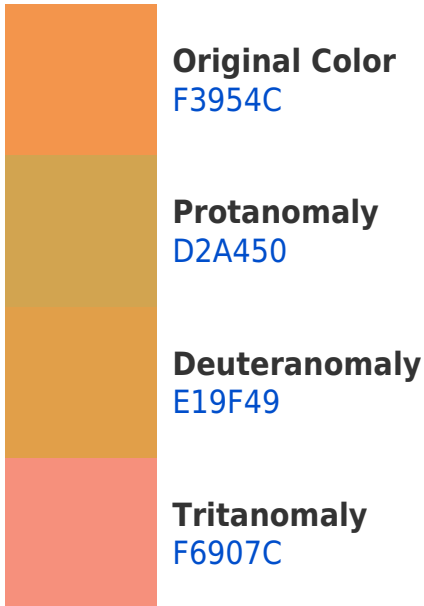
## Dichromacy



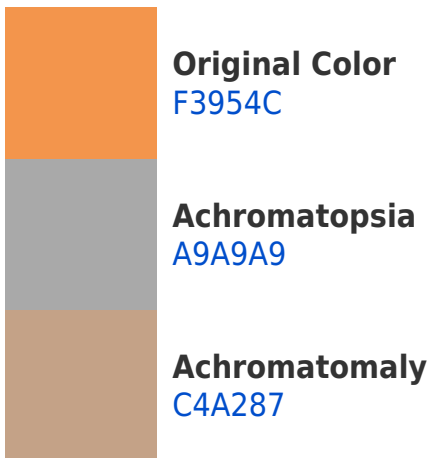


**Tritanopia**  
F88D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3954C 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 #F3954C looks like.

```
.text, #text, p{  
    color:#F3954C  
}
```

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 #F3954C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3954C
}
```

## Border

The CSS property to change the border of an element to Hex F3954C 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
#F3954C }
```

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

```
.border{ border-color:#F3954C }
```

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

Here you see how a box with a 4 pixel #F3954C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3954C; -webkit-box-shadow:4px 4px  
4px 4px #F3954C; box-shadow:4px 4px 4px  
4px #F3954C }
```

# Background

The CSS property to change the background color of an element to Hex F3954C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3954C }
```

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

```
.background{ background-color:#F3954C }
```

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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