

# Converting Colors

Hex(F39251)

Have a look what the booklet for  
Hex(F39251) contains.

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**Color**

**Hex(F39251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F39251
RGB	243, 146, 81
RGB Percent	95%, 57%, 32%
CMY	0.0471, 0.4275, 0.6824
CMYK	0.00, 0.40, 0.67, 0.05
HSL	24°, 87%, 64%
HSV	24°, 67%, 95%
XYZ	48.7262, 40.2065, 12.9771
YIQ	167.5930, 78.6770, 0.3490

# Conversions

## Conversions Part 2

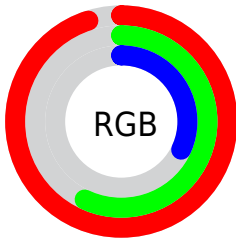
Format	Color
R <sub>Y</sub> B	243, 190, 81
Decimal	15962705
CIE Lab	69.62, 31.13, 49.19
CIE LCh	70, 58.215, 57.669
Yxy	40.2065, 0.4781, 0.3945
Android (android.graphics.Color)	4294152785 (0xFFFF39251)
YUV	167.5930, -42.6903, 66.1319
Hunter-Lab	63.4086, 26.2029, 32.2519

# Details

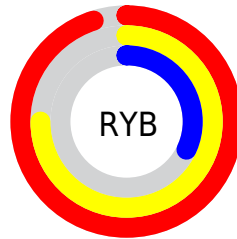
The Hex color **F39251** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **51B2F3**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC984**, and **B65E1F** is the 20% darker color. If you saturate the color by 10%, you get **F38339**, and if you desaturate by 10%, it is **F3A169**.

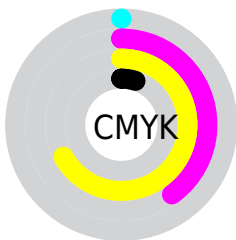
# Distribution



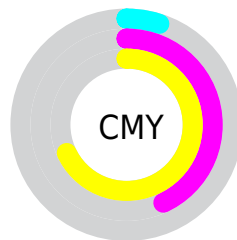
- Red (95%)
- Green (57%)
- Blue (32%)



- Red (95%)
- Yellow (75%)
- Blue (32%)



- Cyan (0%)
- Magenta (40%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (43%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F39251 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 F39251 by changing the saturation by 10% instead.



 F39251

 F39251

FFFFFF

 D47838

 FFC984

 B65E1F

 FFE59F

 984602

 FFFFBB

 7B2E00

 FFFFD7

 5D1600

 FFFFF4

 410000

 2A0001

 000000

 F39251

 F39251

 F38339

 F3A169

 F37520

 F3AF82

 F36608

 F3BE9A

 F36100

 F3CCB2

 F3DBC B

 F3E9E3

 F3F8FB

 F3FFFF

# Harmonies

## Analogous

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



FF807C



F39251



CBA63A

# Triad

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



F39251



00C4A4



A59EFF

# Complementary

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



F39251



51B2F3

# 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.



10B1FF



F39251



00C3DA

# Square

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



F39251



50BF6F



00BEFF



E788E3

# Rectangle

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



F39251



A9B13E



00BEFF



86A5FF



# Sweetspot

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



F39251



FFE0CC



F351B2



806D61



000000



808080



# Same Dimension

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



F39251



FF8533



F3E351



7A736E



BA4B00



3B1800



# Inverse Universe

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



51B2F3



33ADFF



5161F3



6E757A



006FBA



00233B



# Previews

## White Background



This preview shows how the Hex color F39251 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

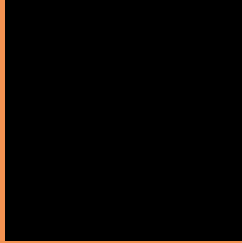
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F39251 Background



This preview shows how black text looks on a background with the Hex color F39251.



This preview shows how white text looks on a background with the Hex color F39251.

# 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



**Original Color**  
F39251

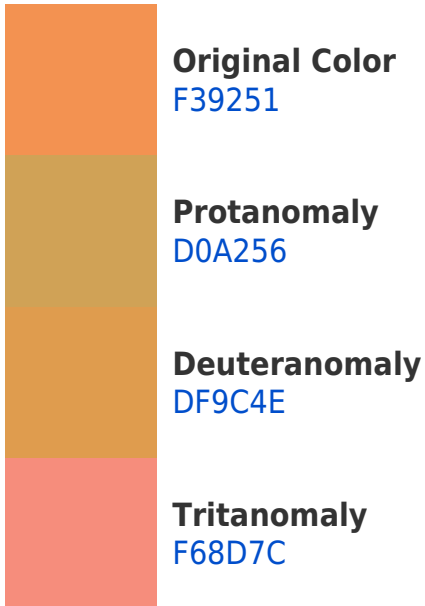
**Protanopia**  
BCAB59

**Deuteranopia**  
D3A24D



**Tritanopia**  
F78A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F39251 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 #F39251 looks like.

```
.text, #text, p{  
    color:#F39251  
}
```

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 #F39251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F39251
}
```

## Border

The CSS property to change the border of an element to Hex F39251 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
#F39251 }
```

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

```
.border{ border-color:#F39251 }
```

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

Here you see how a box with a 4 pixel #F39251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F39251; -webkit-box-shadow:4px 4px  
4px 4px #F39251; box-shadow:4px 4px 4px  
4px #F39251 }
```

# Background

The CSS property to change the background color of an element to Hex F39251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F39251 }
```

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

```
.background{ background-color:#F39251 }
```

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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