

# Converting Colors

Hex(F59258)

Have a look what the booklet for  
Hex(F59258) contains.

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**Color**

**Hex(F59258)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F59258
RGB	245, 146, 88
RGB Percent	96%, 57%, 35%
CMY	0.0392, 0.4275, 0.6549
CMYK	0.00, 0.40, 0.64, 0.04
HSL	22°, 89%, 65%
HSV	22°, 64%, 96%
XYZ	49.6965, 40.6748, 14.4643
YIQ	168.9890, 77.6220, 2.9500

# Conversions

## Conversions Part 2

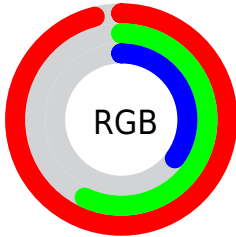
Format	Color
R <sub>YB</sub>	245, 180, 88
Decimal	16093784
CIE Lab	69.95, 32.35, 46.14
CIE LCh	70, 56.345, 54.966
Yxy	40.6748, 0.4740, 0.3880
Android (android.graphics.Color)	4294283864 (0xFFFF59258)
YUV	168.9890, -39.9276, 66.6616
Hunter-Lab	63.7768, 27.4823, 31.1971

# Details

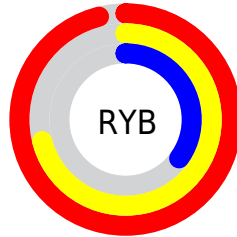
The Hex color **F59258** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **58BBF5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFC98C**, and **B85E27** is the 20% darker color. If you saturate the color by 10%, you get **F58340**, and if you desaturate by 10%, it is **F5A171**.

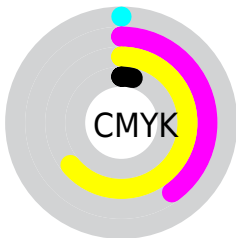
# Distribution



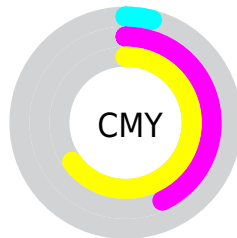
- Red (96%)
- Green (57%)
- Blue (35%)



- Red (96%)
- Yellow (71%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (64%)
- Black (4%)



- Cyan (4%)
- Magenta (43%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F59258 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 F59258 by changing the saturation by 10% instead.



 F59258

 F59258

FFFFFF

 D6783F

 FFC98C

 B85E27

 FFE5A6

 9A460D

 FFFFC2

 7D2D00

 FFFFDE

 601500

 FFFFFB

 430000

 2C0001

 000000

 F59258

 F59258

 F58340

 F5A171

 F57327

 F5B189

 F5640F

 F5C0A2

 F55B00

 F5D0BA

 F5DFD3

 F5EFEB

 F5FEFF

 F5FFFF

# Harmonies

## Analogous

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



FF8283



F59258



CFA540

# Triad

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



F59258



00C4A0



9FA1FF

# Complementary

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



F59258



58BBF5

# 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.



00B3FF



F59258



00C4D5

# Square

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



F59258



5DBF6E



00BFFE



E28CE6

# Rectangle

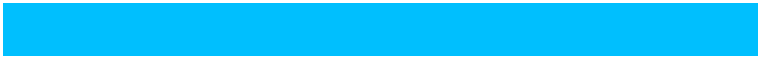
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F59258



AFB042



00BFFE



80A8FF

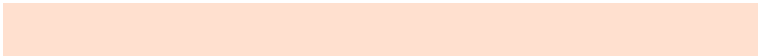


# Sweetspot

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



F59258



FFE0CF



F558BB



806D62



000000



808080



# Same Dimension

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



F59258



FF833B



F5E058



7A736E



BA4500



3B1600



# Inverse Universe

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



58BBF5



3BB6FF



586DF5



6E767A



0075BA



00253B



# Previews

## White Background



This preview shows how the Hex color F59258 looks on a white background.

## Color Contrast Check

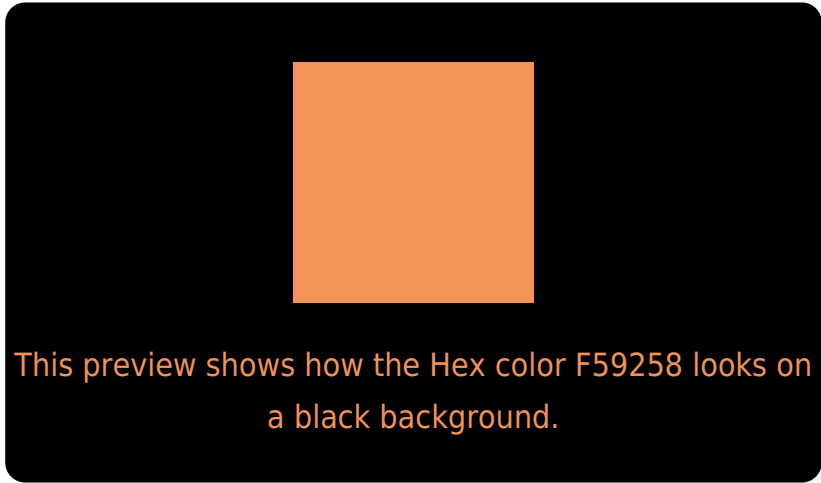
Large Text (above 18pt) WCAG AA × Fail

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

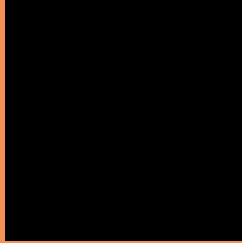
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F59258 Background



This preview shows how black text looks on a background with the Hex color F59258.



This preview shows how white text looks on a background with the Hex color F59258.

# 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**  
F59258

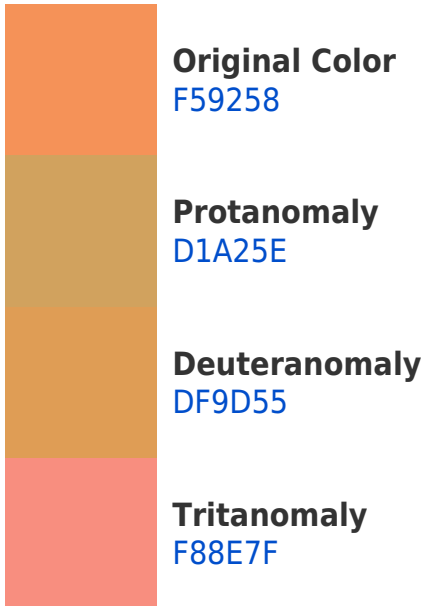
**Protanopia**  
BCAB61

**Deuteranopia**  
D3A354

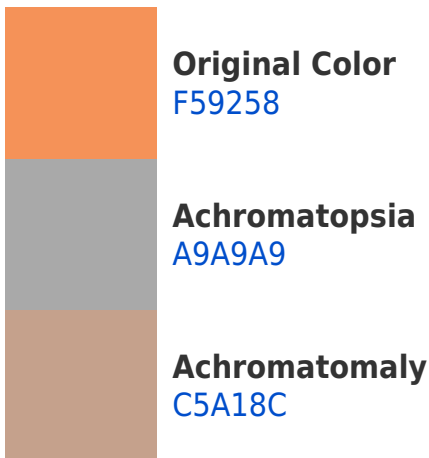


**Tritanopia**  
F98B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F59258 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 #F59258 looks like.

```
.text, #text, p{  
    color:#F59258  
}
```

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 #F59258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F59258
}
```

## Border

The CSS property to change the border of an element to Hex F59258 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
#F59258 }
```

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

```
.border{ border-color:#F59258 }
```

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

Here you see how a box with a 4 pixel #F59258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F59258; -webkit-box-shadow:4px 4px  
4px 4px #F59258; box-shadow:4px 4px 4px  
4px #F59258 }
```

# Background

The CSS property to change the background color of an element to Hex F59258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F59258 }
```

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

```
.background{ background-color:#F59258 }
```

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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