

# Converting Colors

Hex(F59076)

Have a look what the booklet for  
Hex(F59076) contains.

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# **Color**

**Hex(F59076)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F59076
RGB	245, 144, 118
RGB Percent	96%, 56%, 46%
CMY	0.0392, 0.4353, 0.5373
CMYK	0.00, 0.41, 0.52, 0.04
HSL	12°, 86%, 71%
HSV	12°, 52%, 96%
XYZ	50.8995, 40.6670, 22.3064
YIQ	171.2350, 68.5420, 13.3260

# Conversions

## Conversions Part 2

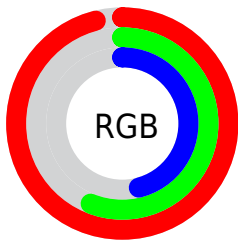
Format	Color
R <sub>Y</sub> B	245, 151, 118
Decimal	16093302
CIE Lab	69.94, 35.59, 30.27
CIE LCh	70, 46.727, 40.383
Yxy	40.6670, 0.4470, 0.3571
Android (android.graphics.Color)	4294283382 (0xFF59076)
YUV	171.2350, -26.2449, 64.6919
Hunter-Lab	63.7707, 30.8736, 23.9004

# Details

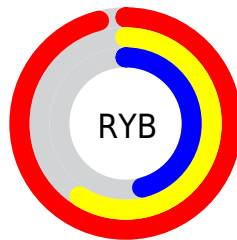
The Hex color **F59076** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76DBF5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC7AA**, and **B95C45** is the 20% darker color. If you saturate the color by 10%, you get **F57D5E**, and if you desaturate by 10%, it is **F5A38F**.

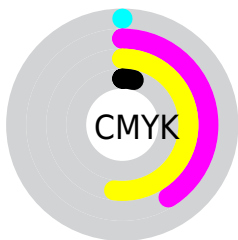
# Distribution



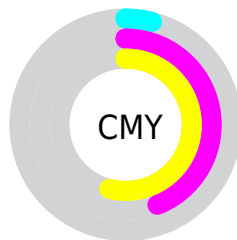
- Red (96%)
- Green (56%)
- Blue (46%)



- Red (96%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F59076 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 F59076 by changing the saturation by 10% instead.



 F59076

 F59076

FFFFFF

 D7765D

 FFC7AA

 B95C45

 FFE3C6

 9B432E

 FFFFE2

 7F2A19

 620F00

 460000

 2F0002

 000000

 F59076

 F59076

 F57D5E

 F5A38F

 F56945

 F5B7A7

 F5562C

 F5CAC0

 F54214

 F5DED8

 F53200

 F5F1F1

 F5FFFF

# Harmonies

## Analogous

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



FB889E



F59076



DC9F5B

# Triad

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



F59076



4DBF8D



81AAFE

# Complementary

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



F59076



76DBF5

# 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.



00B7FA



F59076



00C1B9

# Square

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



F59076



88B868



00BFE1



C29AEC

# Rectangle

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



F59076



C4A954



00BFE1



64AFFF

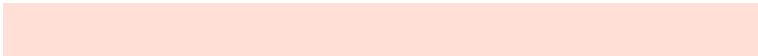


# Sweetspot

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



F59076



FFDFD6



F576DC



806C67



000000



808080



# Same Dimension

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



F59076



FF8161



F5CF76



7A716E



BA2600



3B0C00



# Inverse Universe

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



76DBF5



61DFFF



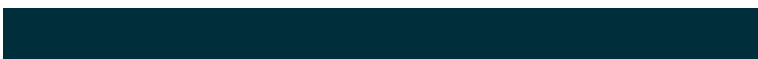
769CF5



6E787A



0094BA



002F3B



# Previews

## White Background



This preview shows how the Hex color F59076 looks on a white background.

## Color Contrast Check

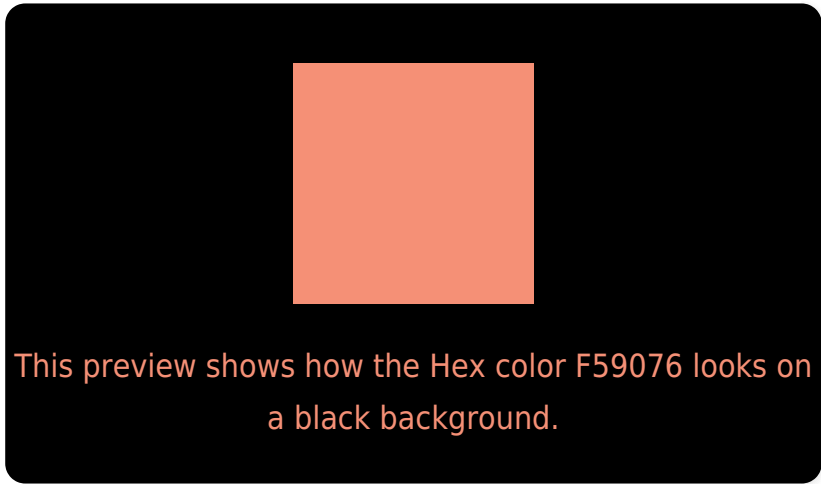
Large Text (above 18pt) WCAG AA × Fail

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

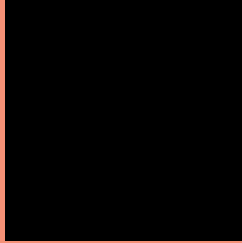
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F59076 Background



This preview shows how black text looks on a background with the Hex color F59076.

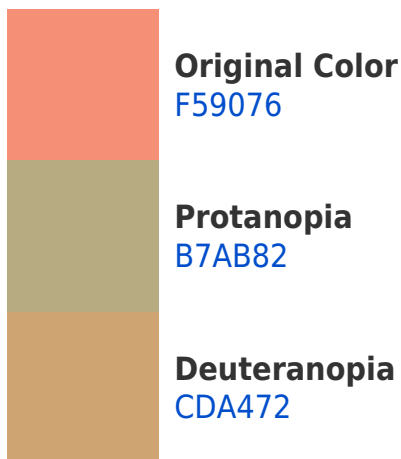


This preview shows how white text looks on a background with the Hex color F59076.

# 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



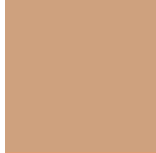


**Tritanopia**  
F78C96

# Trichromacy



**Original Color**  
F59076



**Protanomaly**  
CEA17E



**Deuteranomaly**  
DC9D73

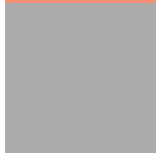


**Tritanomaly**  
F68D8A

# Monochromacy



**Original Color**  
F59076



**Achromatopsia**  
ABABAB



**Achromatomaly**  
C6A198

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F59076 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 #F59076 looks like.

```
.text, #text, p{  
    color:#F59076  
}
```

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 #F59076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F59076
}
```

## Border

The CSS property to change the border of an element to Hex F59076 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
#F59076 }
```

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

```
.border{ border-color:#F59076 }
```

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

Here you see how a box with a 4 pixel #F59076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F59076; -webkit-box-shadow:4px 4px  
4px 4px #F59076; box-shadow:4px 4px 4px  
4px #F59076 }
```

# Background

The CSS property to change the background color of an element to Hex F59076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F59076 }
```

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

```
.background{ background-color:#F59076 }
```

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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