

# Converting Colors

Hex(F67176)

Have a look what the booklet for  
Hex(F67176) contains.

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# **Color**

**Hex(F67176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F67176
RGB	246, 113, 118
RGB Percent	96%, 44%, 46%
CMY	0.0353, 0.5569, 0.5373
CMYK	0.00, 0.54, 0.52, 0.04
HSL	358°, 88%, 70%
HSV	358°, 54%, 96%
XYZ	47.1812, 32.7111, 20.9667
YIQ	153.3370, 77.6630, 29.7510

# Conversions

## Conversions Part 2

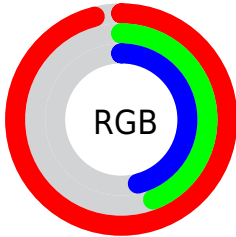
Format	Color
R <sub>Y</sub> B	246, 113, 118
Decimal	16150902
CIE Lab	63.93, 51.39, 22.31
CIE LCh	64, 56.020, 23.471
Yxy	32.7111, 0.4678, 0.3243
Android (android.graphics.Color)	4294340982 (0xFFFF67176)
YUV	153.3370, -17.4211, 81.2655
Hunter-Lab	57.1936, 47.1626, 18.3003

# Details

The Hex color **F67176** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71F6F1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA8AA**, and **B93A46** is the 20% darker color. If you saturate the color by 10%, you get **F6585E**, and if you desaturate by 10%, it is **F68A8E**.

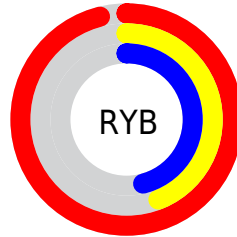
# Distribution



Red (96%)

Green (44%)

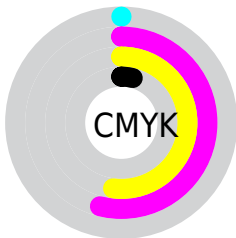
Blue (46%)



Red (96%)

Yellow (44%)

Blue (46%)

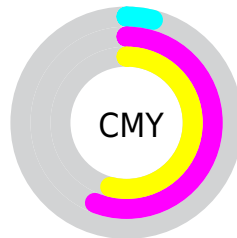


Cyan (0%)

Magenta (54%)

Yellow (52%)

Black (4%)



Cyan (4%)

Magenta (56%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F67176 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 F67176 by changing the saturation by 10% instead.



 F67176

 F67176

FFFFFF

 D7565D

 FFA8AA

 B93A46

 FFC5C5

 9B1C30

 FFE1E1

 7D001B

FFFFFFE

 600001

 440001

 270001

 000000

 F67176

 F67176

 F6585E

 F68A8E

 F64047

 F6A2A5

 F6272F

 F6BBBD

 F60F17

 F6D3D5

 F60009

 F6ECEC

 F6FFFF

# Harmonies

## Analogous

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



F06FA8



F67176



E4814B

# Triad

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



F67176



51AE5D



00A4FE

# Complementary

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



F67176



71F6F1

# 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.



00AFE4



F67176



00B38E

# Square

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



F67176



90A439



00B3C1



8A92F7

# Rectangle

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



F67176



CD8E37



00B3C1



00A8FA



# Sweetspot

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



F67176



FFD6D8



EF71F6



806768



000000



808080



# Same Dimension

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



F67176



FF595F



F6AD71



7A6E6F



BA0007



3B0002



# Inverse Universe

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



F67176



FF595F



71BAF6



7A6E6F



BA0007



3B0002



# Previews

## White Background



This preview shows how the Hex color F67176 looks on a white background.

## Color Contrast Check

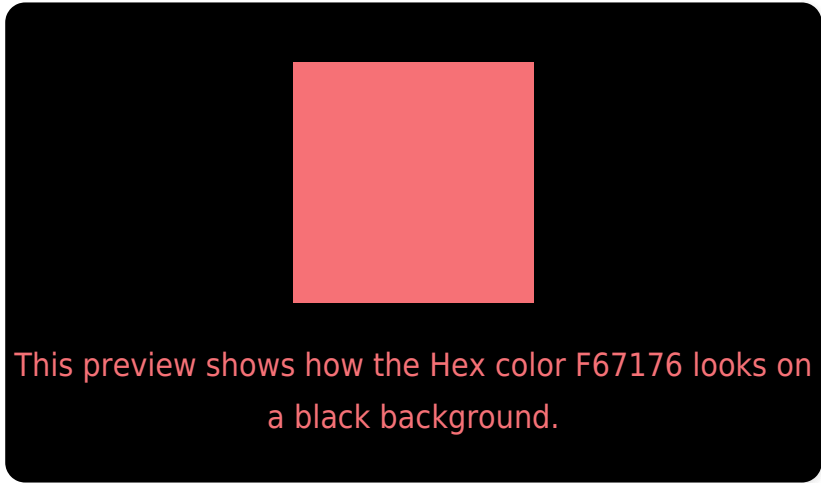
Large Text (above 18pt) WCAG AA × Fail

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 F67176 Background



This preview shows how black text looks on a background with the Hex color F67176.

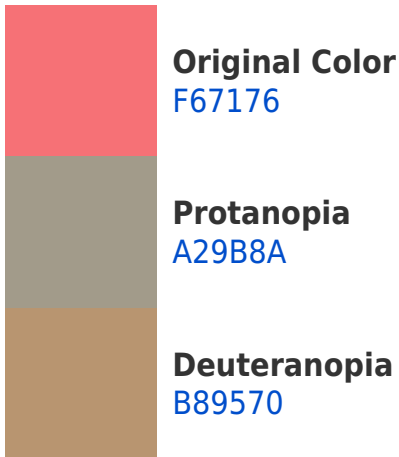


This preview shows how white text looks on a background with the Hex color F67176.

# 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**  
F67178

# Trichromacy



**Original Color**  
F67176



**Protanomaly**  
C18C83



**Deuteranomaly**  
CF8872

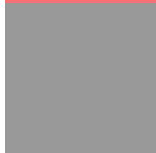


**Tritanomaly**  
F67177

# Monochromacy



**Original Color**  
F67176



**Achromatopsia**  
999999



**Achromatomaly**  
BB8A8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F67176 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 #F67176 looks like.

```
.text, #text, p{  
    color:#F67176  
}
```

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 #F67176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F67176
}
```

## Border

The CSS property to change the border of an element to Hex F67176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

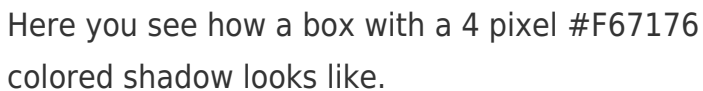
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F67176 }
```

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

```
.border{ border-color:#F67176 }
```

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



Here you see how a box with a 4 pixel #F67176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F67176; -webkit-box-shadow:4px 4px  
4px 4px #F67176; box-shadow:4px 4px 4px  
4px #F67176 }
```

# Background

The CSS property to change the background color of an element to Hex F67176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F67176 }
```

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

```
.background{ background-color:#F67176 }
```

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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