

# Converting Colors

Hex(F47175)

Have a look what the booklet for  
Hex(F47175) contains.

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# **Color**

**Hex(F47175)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F47175
RGB	244, 113, 117
RGB Percent	96%, 44%, 46%
CMY	0.0431, 0.5569, 0.5412
CMYK	0.00, 0.54, 0.52, 0.04
HSL	358°, 86%, 70%
HSV	358°, 54%, 96%
XYZ	46.4242, 32.3277, 20.6227
YIQ	152.6250, 76.7920, 29.0160

# Conversions

## Conversions Part 2

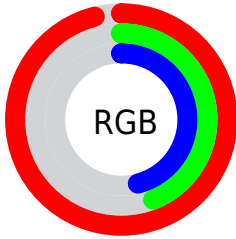
Format	Color
<a href="#">RYB</a>	<a href="#">244, 113, 117</a>
Decimal	<a href="#">16019829</a>
CIELab	<a href="#">63.61, 50.61, 22.41</a>
CIELCh	<a href="#">64, 55.346, 23.881</a>
Yxy	<a href="#">32.3277, 0.4672, 0.3253</a>
Android (android.graphics.Color)	<a href="#">4294209909</a> ( <a href="#">0xFFFF47175</a> )
YUV	<a href="#">152.6250, -17.5631, 80.1359</a>
Hunter-Lab	<a href="#">56.8575, 46.2451, 18.2953</a>

# Details

The Hex color **F47175** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71F4F0**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA8A9**, and **B73B45** is the 20% darker color. If you saturate the color by 10%, you get **F4595D**, and if you desaturate by 10%, it is **F4898D**.

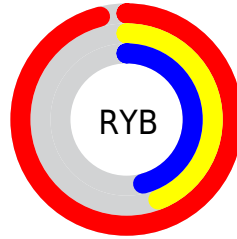
# Distribution



Red (96%)

Green (44%)

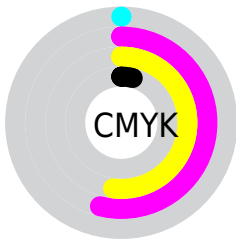
Blue (46%)



Red (96%)

Yellow (44%)

Blue (46%)

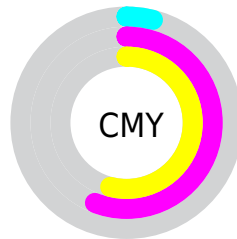


Cyan (0%)

Magenta (54%)

Yellow (52%)

Black (4%)



Cyan (4%)

Magenta (56%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F47175 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 F47175 by changing the saturation by 10% instead.



 F47175

 F47175

FFFFFF

 D5565C

 FFA8A9

 B73B45

 FFC4C4

 991C2F

 FFE1E0

 7B001A

FFFFFFD

 5F0000

 420001

 250001

 000000

 F47175

 F47175

 F4595D

 F4898D

 F44046

 F4A2A4

 F4282E

 F4BABC

 F40F16

 F4D3D4

 F40007

 F4EBEB

 F4FFFF

# Harmonies

## Analogous

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



EF6FA6



F47175



E2814B

# Triad

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



F47175



50AD5D



00A3FC

# Complementary

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



F47175



71F4F0

# 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.



00ADE9



F47175



00B28E

# Square

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



F47175



8EA33A



00B2C1



8B91F4

# Rectangle

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



F47175



CB8E38



00B2C1



00A7F8



# Sweetspot

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



F47175



FFD6D7



F071F4



806768



000000



808080



# Same Dimension

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



F47175



FF5C61



F4AE71



7A6E6F



BA0006



3B0002



# Inverse Universe

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



F47175



FF5C61



71B7F4



7A6E6F



BA0006



3B0002



# Previews

## White Background



This preview shows how the Hex color F47175 looks on a white background.

## Color Contrast Check

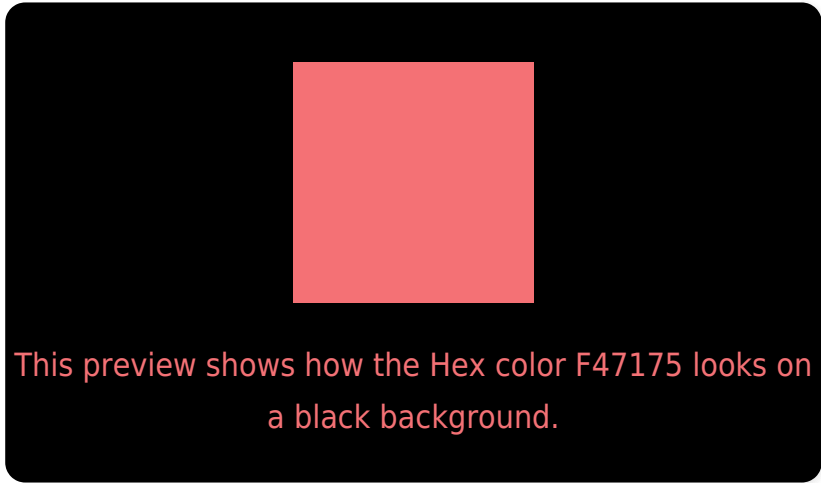
Large Text (above 18pt) WCAG AA × Fail

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 F47175 Background



This preview shows how black text looks on a background with the Hex color F47175.

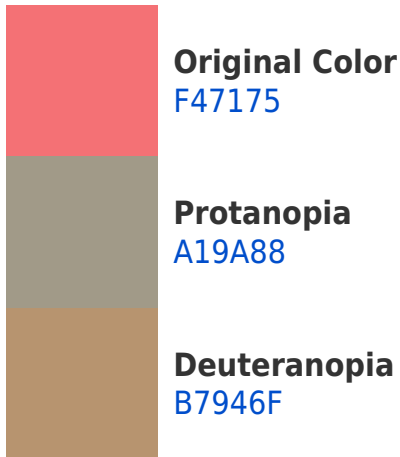


This preview shows how white text looks on a background with the Hex color F47175.

# 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**  
F47078

# Trichromacy



**Original Color**  
F47175



**Protanomaly**  
BF8B81



**Deuteranomaly**  
CD8771

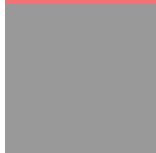


**Tritanomaly**  
F47077

# Monochromacy



**Original Color**  
F47175



**Achromatopsia**  
999999



**Achromatomaly**  
BA8A8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F47175 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 #F47175 looks like.

```
.text, #text, p{  
    color:#F47175  
}
```

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 #F47175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F47175
}
```

## Border

The CSS property to change the border of an element to Hex F47175 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
#F47175 }
```

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

```
.border{ border-color:#F47175 }
```

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

Here you see how a box with a 4 pixel #F47175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F47175; -webkit-box-shadow:4px 4px  
4px 4px #F47175; box-shadow:4px 4px 4px  
4px #F47175 }
```

# Background

The CSS property to change the background color of an element to Hex F47175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F47175 }
```

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

```
.background{ background-color:#F47175 }
```

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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