

# Converting Colors

Hex(F47596)

Have a look what the booklet for  
Hex(F47596) contains.

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**Color**

**Hex(F47596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F47596
RGB	244, 117, 150
RGB Percent	96%, 46%, 59%
CMY	0.0431, 0.5412, 0.4118
CMYK	0.00, 0.52, 0.39, 0.04
HSL	344°, 85%, 71%
HSV	344°, 52%, 96%
XYZ	49.1745, 34.1577, 32.8555
YIQ	158.7350, 65.0990, 37.1870

# Conversions

## Conversions Part 2

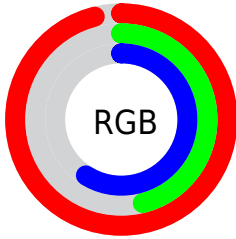
Format	Color
<a href="#">RYB</a>	<a href="#">244, 117, 150</a>
Decimal	<a href="#">16020886</a>
CIELab	<a href="#">65.09, 51.88, 5.66</a>
CIElCh	<a href="#">65, 52.186, 6.226</a>
Yxy	<a href="#">34.1577, 0.4232, 0.2940</a>
Android (android.graphics.Color)	<a href="#">4294210966</a> ( <a href="#">0xFFFF47596</a> )
YUV	<a href="#">158.7350, -4.3064, 74.7774</a>
Hunter-Lab	<a href="#">58.4446, 47.9097, 7.5805</a>

# Details

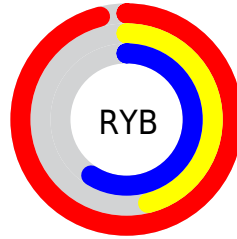
The Hex color **F47596** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75F4D3**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFACCC**, and **B83E63** is the 20% darker color. If you saturate the color by 10%, you get **F45D84**, and if you desaturate by 10%, it is **F48DA8**.

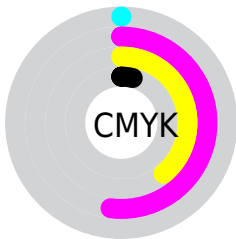
# Distribution



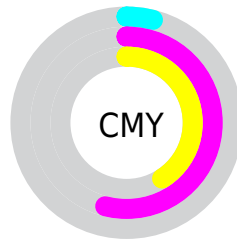
- Red (96%)
- Green (46%)
- Blue (59%)



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



- Cyan (0%)
- Magenta (52%)
- Yellow (39%)
- Black (4%)



- Cyan (4%)
- Magenta (54%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F47596 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 F47596 by changing the saturation by 10% instead.



 F47596

 F47596

FFFFFF

 D65A7C

 FFACCC

 B83E63

 FFC9E8

 9B214C

 FFE6FF

 7E0035

 620020

 460008

 2B0001

 000000

 F47596

 F47596

 F45D84

 F48DA8

 F44472

 F4A6BA

 F42C60

 F4BECC

 F4134E

 F4D7DE

 F4003F

 F4EFF0

 F4FFFF

# Harmonies

## Analogous

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



DF7CC5



F47596



EF7D69

# Triad

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



F47596



7EAB4F



00ADF3

# Complementary

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



F47596



75F4D3

# 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.



00B4D4



F47596



37B277

# Square

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



F47596



AF9F3C



00B5A7



59A0FB

# Rectangle

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



F47596



E18851



00B5A7



00B0EB



# Sweetspot

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



F47596



FFD6E1



D275F4



80676E



000000



808080



# Same Dimension

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



F47596



FF618A



F49375



7A6E71



BA0030



3B000F



# Inverse Universe

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



F47596



FF618A



75D6F4



7A6E71



BA0030

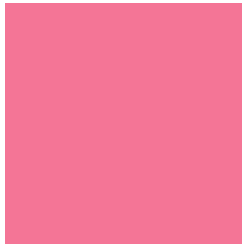


3B000F



# Previews

## White Background



This preview shows how the Hex color F47596 looks on a white background.

## Color Contrast Check

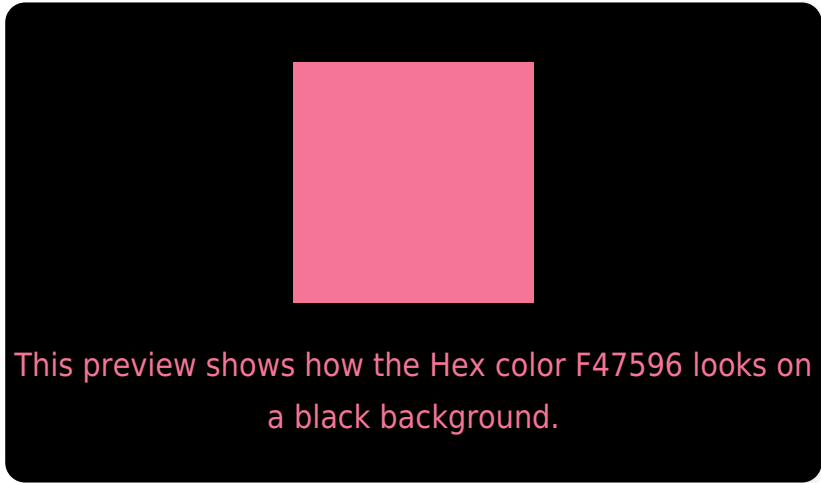
Large Text (above 18pt) WCAG AA × Fail

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 F47596 Background



This preview shows how black text looks on a background with the Hex color F47596.

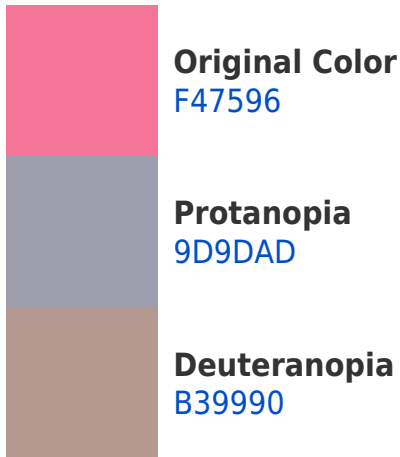


This preview shows how white text looks on a background with the Hex color F47596.

# 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**  
F27981

# Trichromacy



**Original Color**  
F47596



**Protanomaly**  
BD8EA5



**Deuteranomaly**  
CB8C92

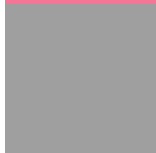


**Tritanomaly**  
F37889

# Monochromacy



**Original Color**  
F47596



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
BE909C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F47596 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 #F47596 looks like.

```
.text, #text, p{  
    color:#F47596  
}
```

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 #F47596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F47596
}
```

## Border

The CSS property to change the border of an element to Hex F47596 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
#F47596 }
```

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

```
.border{ border-color:#F47596 }
```

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

Here you see how a box with a 4 pixel #F47596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F47596; -webkit-box-shadow:4px 4px  
4px 4px #F47596; box-shadow:4px 4px 4px  
4px #F47596 }
```

# Background

The CSS property to change the background color of an element to Hex F47596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F47596 }
```

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

```
.background{ background-color:#F47596 }
```

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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