

# Converting Colors

Hex(F37491)

Have a look what the booklet for  
Hex(F37491) contains.

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**Color**

**Hex(F37491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F37491
RGB	243, 116, 145
RGB Percent	95%, 45%, 57%
CMY	0.0471, 0.5451, 0.4314
CMYK	0.00, 0.52, 0.40, 0.05
HSL	346°, 84%, 70%
HSV	346°, 52%, 95%
XYZ	48.3184, 33.5898, 30.7249
YIQ	157.2790, 66.3830, 35.9430

# Conversions

## Conversions Part 2

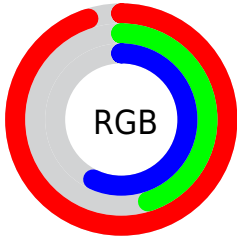
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">243, 116, 145</a>
Decimal	<a href="#">15955089</a>
CIELab	<a href="#">64.64, 51.48, 7.85</a>
CIELCh	<a href="#">65, 52.077, 8.664</a>
Yxy	<a href="#">33.5898, 0.4290, 0.2982</a>
Android (android.graphics.Color)	<a href="#">4294145169</a> ( <a href="#">0xFFFF37491</a> )
YUV	<a href="#">157.2790, -6.0535, 75.1773</a>
Hunter-Lab	<a href="#">57.9567, 47.3908, 9.1380</a>

# Details

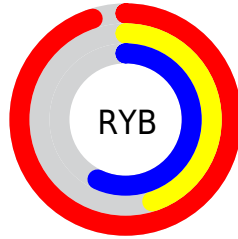
The Hex color **F37491** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **74F3D6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFABC7**, and **B73E5F** is the 20% darker color. If you saturate the color by 10%, you get **F35C7E**, and if you desaturate by 10%, it is **F38CA4**.

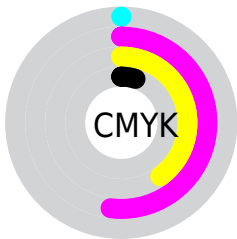
# Distribution



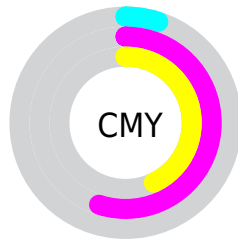
- Red (95%)
- Green (45%)
- Blue (57%)



- Red (95%)
- Yellow (45%)
- Blue (57%)



- Cyan (0%)
- Magenta (52%)
- Yellow (40%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F37491 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 F37491 by changing the saturation by 10% instead.



 F37491

 F37491

FFFFFF

 D55977

 FFABC7

 B73E5F

 FFC8E3

 9A2047

 FFE5FF

 7D0031

 60001D

 450001

 290001

 000000

 F37491

 F37491

 F35C7E

 F38CA4

 F3436B

 F3A5B7

 F32B59

 F3BDC9

 F31346

 F3D5DC

 F30037

 F3EDEF

 F3FFFF

# Harmonies

## Analogous

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



E07AC0



F37491



ED7D65

# Triad

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



F37491



78AB51



00ABF3

# Complementary

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



F37491



74F3D6

# 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.



00B2D6



F37491



2CB279

# Square

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



F37491



AA9F3C



00B4A9



619DF9

# Rectangle

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



F37491



DD884E



00B4A9



00AEEB



# Sweetspot

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



F37491



FFD6E0



D574F3



80676D



000000



808080



# Same Dimension

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



F37491



FF5E83



F39674



7A6E71



BA002B



3B000D



# Inverse Universe

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



F37491



FF5E83



74D1F3



7A6E71



BA002B



3B000D



# Previews

## White Background



This preview shows how the Hex color F37491 looks on a white background.

## Color Contrast Check

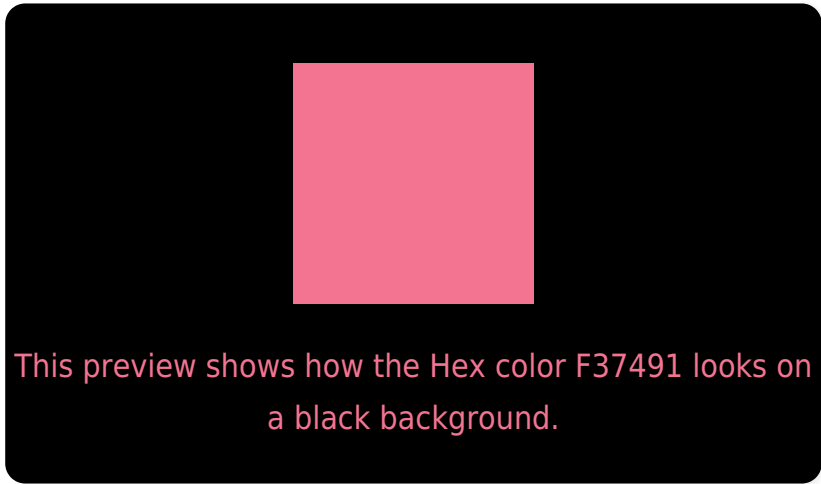
Large Text (above 18pt) WCAG AA × Fail

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 F37491 Background



This preview shows how black text looks on a background with the Hex color F37491.

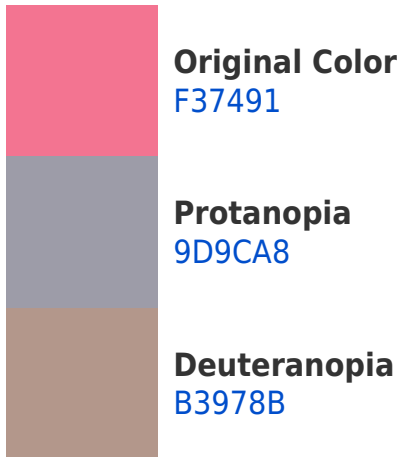


This preview shows how white text looks on a background with the Hex color F37491.

# 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**  
F27780

# Trichromacy



**Original Color**  
F37491



**Protanomaly**  
BC8DA0



**Deuteranomaly**  
CA8A8D



**Tritanomaly**  
F27686

# Monochromacy



**Original Color**  
F37491



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
BC8E99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F37491 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 #F37491 looks like.

```
.text, #text, p{  
    color:#F37491  
}
```

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 #F37491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F37491
}
```

## Border

The CSS property to change the border of an element to Hex F37491 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
#F37491 }
```

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

```
.border{ border-color:#F37491 }
```

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

Here you see how a box with a 4 pixel #F37491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F37491; -webkit-box-shadow:4px 4px  
4px 4px #F37491; box-shadow:4px 4px 4px  
4px #F37491 }
```

# Background

The CSS property to change the background color of an element to Hex F37491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F37491 }
```

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

```
.background{ background-color:#F37491 }
```

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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