

# Converting Colors

Hex(F0937F)

Have a look what the booklet for  
Hex(F0937F) contains.

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# Color

**Hex(F0937F)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F0937F
RGB	240, 147, 127
RGB Percent	94%, 58%, 50%
CMY	0.0588, 0.4235, 0.5020
CMYK	0.00, 0.39, 0.47, 0.06
HSL	11°, 79%, 72%
HSV	11°, 47%, 94%
XYZ	50.1997, 40.9250, 25.3322
YIQ	172.5270, 61.8480, 13.4960

# Conversions

## Conversions Part 2

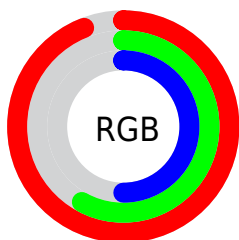
Format	Color
<a href="#">RYB</a>	<a href="#">240, 151, 127</a>
Decimal	<a href="#">15766399</a>
CIELab	<a href="#">70.12, 32.94, 25.48</a>
CIELCh	<a href="#">70, 41.647, 37.721</a>
Yxy	<a href="#">40.9250, 0.4311, 0.3514</a>
Android (android.graphics.Color)	<a href="#">4293956479</a> (0xFFFF0937F)
YUV	<a href="#">172.5270, -22.4448, 59.1738</a>
Hunter-Lab	<a href="#">63.9727, 28.1177, 21.3029</a>

# Details

The Hex color **F0937F** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7FDCF0**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFCAB4**, and **B55F4E** is the 20% darker color. If you saturate the color by 10%, you get **F07F67**, and if you desaturate by 10%, it is **F0A797**.

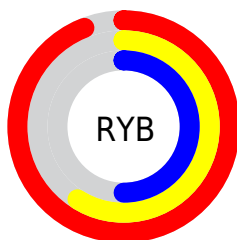
# Distribution



Red (94%)

Green (58%)

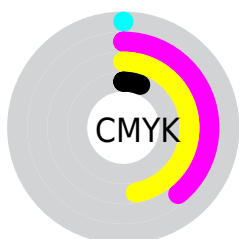
Blue (50%)



Red (94%)

Yellow (59%)

Blue (50%)

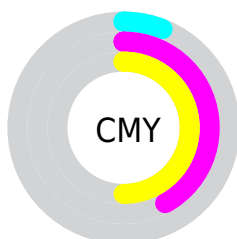


Cyan (0%)

Magenta (39%)

Yellow (47%)

Black (6%)



Cyan (6%)

Magenta (42%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0937F 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 F0937F by changing the saturation by 10% instead.



 F0937F

FFFFFF

 FFCAB4

 FFE6CF

 FFFFE0

 F0937F

 D27966

 B55F4E

 984637

 7B2E21

 60150B

 440000

 2D0001

 000000

 F0937F

 F0937F

 F07F67

 F0A797

 F06B4F

 F0BBAF

 F05837

 F0CEC7

 F0441F

 F0E2DF

 F03007

 F0F6F7

 F02A00

 F0FFFF

# Harmonies

## Analogous

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



F48DA3



F0937F



DB9F66

# Triad

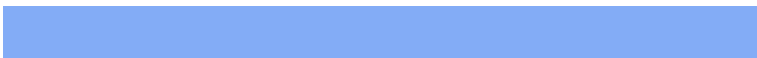
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F0937F



61BD8D



83ACF6

# Complementary

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



F0937F



7FDCF0

# 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.



33B7F1



F0937F



16BFB4

# Square

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



F0937F



91B76E



00BED9



BC9EE7

# Rectangle

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



F0937F



C6A85F



00BED9



6BB0F7

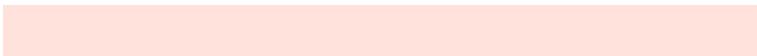


# Sweetspot

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



F0937F



FFE2DB



F07FDD



806E6A



000000



808080



# Same Dimension

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



F0937F



FF876E



F0CA7F



786E6C



B82000



380A00



# Inverse Universe

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



7FDCF0



6EE5FF



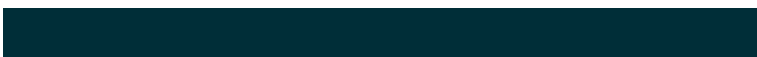
7FA5F0



6C7678



0097B8



002E38



# Previews

## White Background



This preview shows how the Hex color F0937F looks on a white background.

## Color Contrast Check

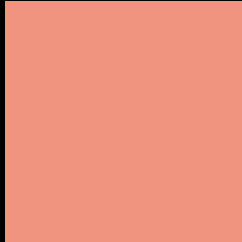
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F0937F looks on a 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 F0937F Background



This preview shows how black text looks on a background with the Hex color F0937F.



This preview shows how white text looks on a background with the Hex color F0937F.

# 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



**Original Color**  
F0937F





**Protanopia**  
B6AC8A

**Deuteranopia**  
CCA57C






**Tritanopia**  
F28F9A

# Trichromacy

	<b>Original Color</b> F0937F
	<b>Protanomaly</b> CBA386
	<b>Deuteranomaly</b> D99E7D
	<b>Tritanomaly</b> F19090

# Monochromacy

	<b>Original Color</b> F0937F
	<b>Achromatopsia</b> ADADAD
	<b>Achromatomaly</b> C5A49C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0937F 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 #F0937F looks like.

```
.text, #text, p{  
    color:#F0937F  
}
```

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 #F0937F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0937F
}
```

## Border

The CSS property to change the border of an element to Hex F0937F 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
#F0937F }
```

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

```
.border{ border-color:#F0937F }
```

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

Here you see how a box with a 4 pixel #F0937F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0937F; -webkit-box-shadow:4px 4px  
4px 4px #F0937F; box-shadow:4px 4px 4px  
4px #F0937F }
```

# Background

The CSS property to change the background color of an element to Hex F0937F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0937F }
```

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

```
.background{ background-color:#F0937F }
```

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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