

# Converting Colors

Hex(F097F0)

Have a look what the booklet for  
Hex(F097F0) contains.

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# **Color**

**Hex(F097F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F097F0
RGB	240, 151, 240
RGB Percent	94%, 59%, 94%
CMY	0.0588, 0.4078, 0.0588
CMYK	0.00, 0.37, 0.00, 0.06
HSL	300°, 75%, 77%
HSV	300°, 37%, 94%
XYZ	62.7300, 46.9498, 88.1941
YIQ	187.7570, 24.4750, 46.5470

# Conversions

## Conversions Part 2

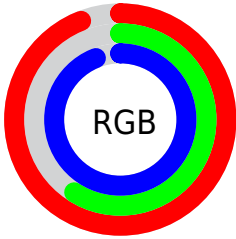
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 151, 240
Decimal	15767536
CIE Lab	74.16, 46.72, -30.99
CIE LCh	74, 56.060, 326.442
Yxy	46.9498, 0.3170, 0.2373
Android (android.graphics.Color)	4293957616 (0xFFFF097F0)
YUV	187.7570, 25.7558, 45.8171
Hunter-Lab	68.5199, 43.5070, -28.3501

# Details

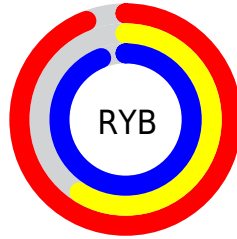
The Hex color **F097F0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **97F097**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFCFFF**, and **B662B8** is the 20% darker color. If you saturate the color by 10%, you get **F07FF0**, and if you desaturate by 10%, it is **F0AFF0**.

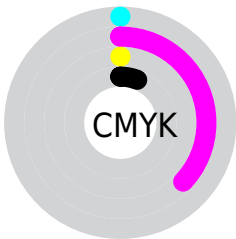
# Distribution



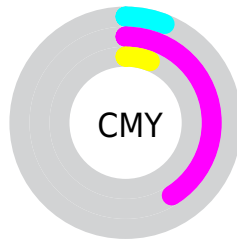
- Red (94%)
- Green (59%)
- Blue (94%)



- Red (94%)
- Yellow (59%)
- Blue (94%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (41%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F097F0 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 F097F0 by changing the saturation by 10% instead.



 F097F0

 F097F0

FFFFFF

 D37CD4

 FFCFFF

 B662B8

 FFECFF

 9B489D

 7F2E82

 651069

 4B0050

 320039

 180023

 000009

 F097F0

 F097F0

 F07FF0

 F0AFF0

 F067F0

 F0C7F0

 F04FF0

 F0DFF0

 F037F0

 F0F7F0

 F01FF0

 F0FFF0

 F007F0

 F000F0

# Harmonies

## Analogous

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



AFABFF



F097F0



FF8ABF

# Triad

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



F097F0



D9B14C



00D0E3

# Complementary

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



F097F0



97F097

# 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.



00D0AE



F097F0



A7C156

# Square

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



F097F0



FF9E61



66CB7B



00CAFF

# Rectangle

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



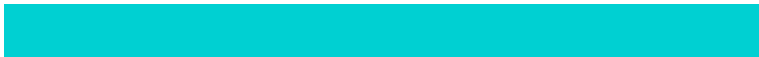
F097F0



FF8B9C



66CB7B



00D0D2



# Sweetspot

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



F097F0



FFE3FF



9797F0



806F80



000000



808080



# Same Dimension

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



F097F0



FF8CFF



F097C3



786C78



B800B8



380038



# Inverse Universe

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



F097F0



FF8CFF



97F0C3



786C78



B800B8

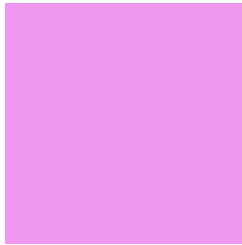


380038



# Previews

## White Background



This preview shows how the Hex color F097F0 looks on a white background.

## Color Contrast Check

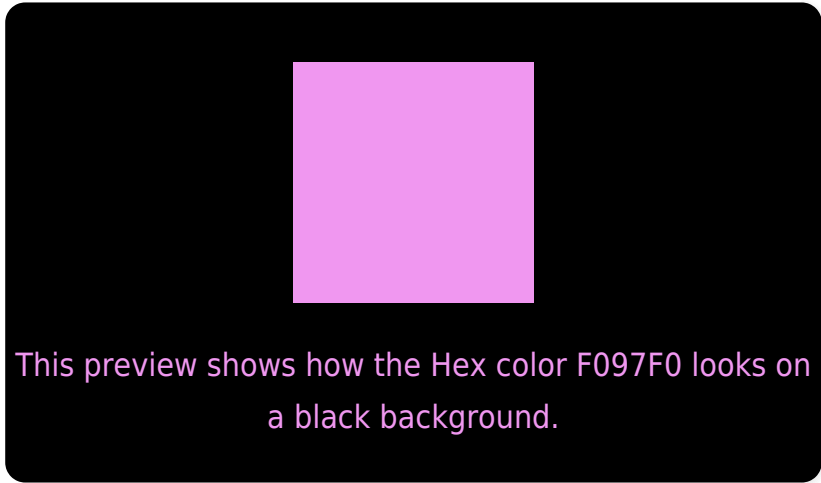
Large Text (above 18pt) WCAG AA × Fail

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 F097F0 Background



This preview shows how black text looks on a background with the Hex color F097F0.

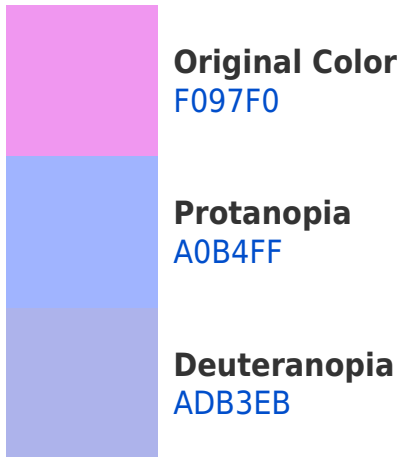


This preview shows how white text looks on a background with the Hex color F097F0.

# 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**  
E8A4B1

# Trichromacy



**Original Color**  
F097F0



**Protanomaly**  
BDA9FA



**Deuteranomaly**  
C5A9ED



**Tritanomaly**  
EB9FC8

# Monochromacy



**Original Color**  
F097F0



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
CFAFCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F097F0 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 #F097F0 looks like.

```
.text, #text, p{  
    color:#F097F0  
}
```

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 #F097F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F097F0
}
```

## Border

The CSS property to change the border of an element to Hex F097F0 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
#F097F0 }
```

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

```
.border{ border-color:#F097F0 }
```

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

Here you see how a box with a 4 pixel #F097F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F097F0; -webkit-box-shadow:4px 4px  
4px 4px #F097F0; box-shadow:4px 4px 4px  
4px #F097F0 }
```

# Background

The CSS property to change the background color of an element to Hex F097F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F097F0 }
```

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

```
.background{ background-color:#F097F0 }
```

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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