

# Converting Colors

Hex(F297F3)

Have a look what the booklet for  
Hex(F297F3) contains.

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# **Color**

**Hex(F297F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F297F3
RGB	242, 151, 243
RGB Percent	95%, 59%, 95%
CMY	0.0510, 0.4078, 0.0471
CMYK	0.00, 0.38, 0.00, 0.05
HSL	299°, 79%, 77%
HSV	299°, 38%, 95%
XYZ	63.8622, 47.4815, 90.5930
YIQ	188.6970, 24.7040, 47.9040

# Conversions

## Conversions Part 2

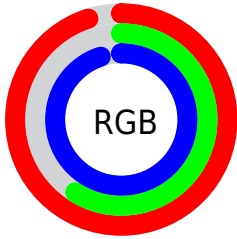
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">242, 151, 243</a>
Decimal	<a href="#">15898611</a>
CIELab	<a href="#">74.50, 47.86, -32.08</a>
CIElCh	<a href="#">74, 57.615, 326.166</a>
Yxy	<a href="#">47.4815, 0.3162, 0.2351</a>
Android (android.graphics.Color)	<a href="#">4294088691 (0xFFFF297F3)</a>
YUV	<a href="#">188.6970, 26.7714, 46.7467</a>
Hunter-Lab	<a href="#">68.9068, 44.8452, -29.7148</a>

# Details

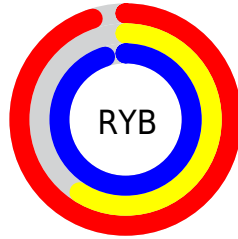
The Hex color **F297F3** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **98F397**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFCFFF**, and **B862BB** is the 20% darker color. If you saturate the color by 10%, you get **F27FF3**, and if you desaturate by 10%, it is **F2AFF3**.

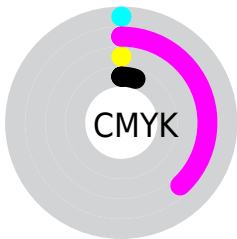
# Distribution



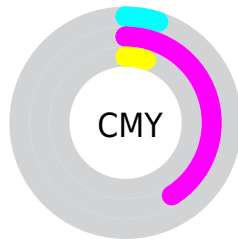
- Red (95%)
- Green (59%)
- Blue (95%)



- Red (95%)
- Yellow (59%)
- Blue (95%)



- Cyan (0%)
- Magenta (38%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (41%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F297F3 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 F297F3 by changing the saturation by 10% instead.



 F297F3

 F297F3

FFFFFF

 D57CD6

 FFCFFF

 B862BB

 FFECFF

 9C479F

 812D85

 660F6B

 4C0053

 34003B

 1A0025

 00010D

 F297F3

 F297F3

 F27FF3

 F2AFF3

 F166F3

 F3C8F3

 F14EF3

 F3E0F3

 F136F3

 F3F8F3

 F11EF3

 F3FFF3

 F005F3

 F4FFF3

 F000F3

# Harmonies

## Analogous

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



AFACFF



F297F3



FF8AC0

# Triad

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



F297F3



DBB249



00D1E4

# Complementary

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



F297F3



98F397

# 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.



00D1AE



F297F3



A7C253

# Square

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



F297F3



FF9E60



64CC7A



00CCFF

# Rectangle

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



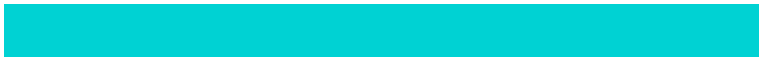
F297F3



FF8A9D



64CC7A



00D2D3



# Sweetspot

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



F297F3



FFE3FF



9799F3



7F6F80



000000



808080



# Same Dimension

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



F297F3



FE8CFF



F397C7



7A6E7A



B800BA



3A003B



# Inverse Universe

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



F39798



FF8C8D



97F3C3



7A6E6E



BA0002

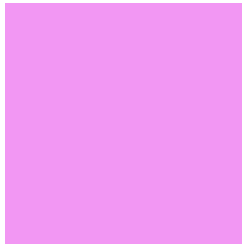


3B0001



# Previews

## White Background



This preview shows how the Hex color F297F3 looks on a white background.

## Color Contrast Check

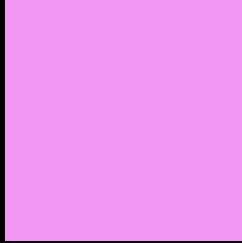
Large Text (above 18pt) WCAG AA × Fail

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 F297F3 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 F297F3 Background



This preview shows how black text looks on a background with the Hex color F297F3.



This preview shows how white text looks on a background with the Hex color F297F3.

# 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](#).

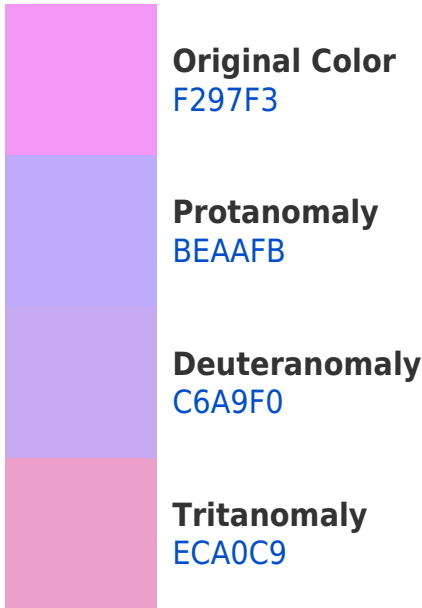
## Dichromacy



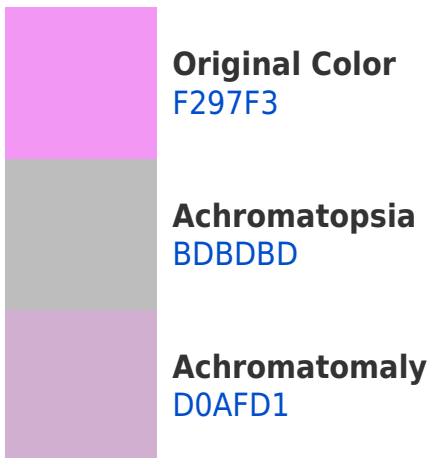


**Tritanopia**  
E9A5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F297F3 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 #F297F3 looks like.

```
.text, #text, p{  
    color:#F297F3  
}
```

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 #F297F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F297F3
}
```

## Border

The CSS property to change the border of an element to Hex F297F3 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
#F297F3 }
```

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

```
.border{ border-color:#F297F3 }
```

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

Here you see how a box with a 4 pixel #F297F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F297F3; -webkit-box-shadow:4px 4px  
4px 4px #F297F3; box-shadow:4px 4px 4px  
4px #F297F3 }
```

# Background

The CSS property to change the background color of an element to Hex F297F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F297F3 }
```

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

```
.background{ background-color:#F297F3 }
```

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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