

# Converting Colors

Hex(F797C5)

Have a look what the booklet for  
Hex(F797C5) contains.

<b>Hex(F797C5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F797C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F797C5
RGB	247, 151, 197
RGB Percent	97%, 59%, 77%
CMY	0.0314, 0.4078, 0.2275
CMYK	0.00, 0.39, 0.20, 0.03
HSL	331°, 86%, 78%
HSV	331°, 39%, 97%
XYZ	59.5024, 45.9386, 58.5542
YIQ	184.9480, 42.4500, 34.6580

# Conversions

## Conversions Part 2

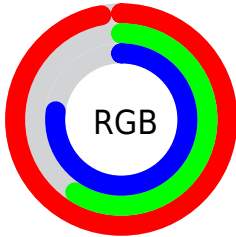
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 151, 197
Decimal	16226245
CIE <sub>Lab</sub>	73.51, 41.93, -8.32
CIE <sub>LCh</sub>	74, 42.746, 348.776
Yxy	45.9386, 0.3628, 0.2801
Android (android.graphics.Color)	4294416325 (0xFFFF797C5)
YUV	184.9480, 5.9416, 54.4196
Hunter-Lab	67.7780, 38.0939, -3.7767

# Details

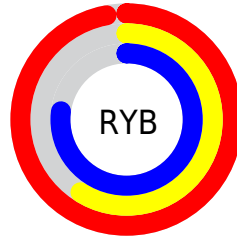
The Hex color **F797C5** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **97F7C9**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFCFFE**, and **BD628F** is the 20% darker color. If you saturate the color by 10%, you get **F77EB8**, and if you desaturate by 10%, it is **F7B0D2**.

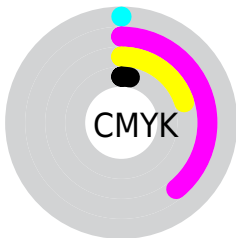
# Distribution



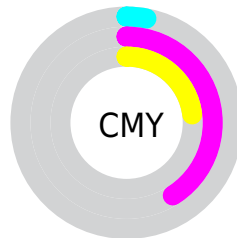
- Red (97%)
- Green (59%)
- Blue (77%)



- Red (97%)
- Yellow (59%)
- Blue (77%)



- Cyan (0%)
- Magenta (39%)
- Yellow (20%)
- Black (3%)



- Cyan (3%)
- Magenta (41%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F797C5 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 F797C5 by changing the saturation by 10% instead.



 F797C5

 F797C5

FFFFFF

 DA7CAA

 FFCFFE

 BD628F

 FFE8FF

 A14876

 852E5D

 6A1245

 50002F

 37001B

 1B0001

 000000

 F797C5

 F797C5

 F77EB8

 F7B0D2

 F766AB

 F7C8DF

 F74D9E

 F7E1EC

 F73492

 F7FAF8

 F71B85

 F7FFFF

 F70378

 F70076

# Harmonies

## Analogous

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



D7A1E9



F797C5



FF969D

# Triad

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



F797C5



B5BA69



00C5EE

# Complementary

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



F797C5



97F7C9

# 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.



00C9CC



F797C5



88C37F

# Square

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



F797C5



DBAD67



52C8A4



5CBDFE

# Rectangle

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



F797C5



FB9C85



52C8A4



00C7E4



# Sweetspot

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



F797C5



FFE0EF



C997F7



806E76



000000



808080



# Same Dimension

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



F797C5



FF87C1



F79997



7A6E74



BA0059



3B001C



# Inverse Universe

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



F797C5



FF87C1



97F5F7



7A6E74



BA0059



3B001C



# Previews

## White Background



This preview shows how the Hex color F797C5 looks on a white background.

## Color Contrast Check

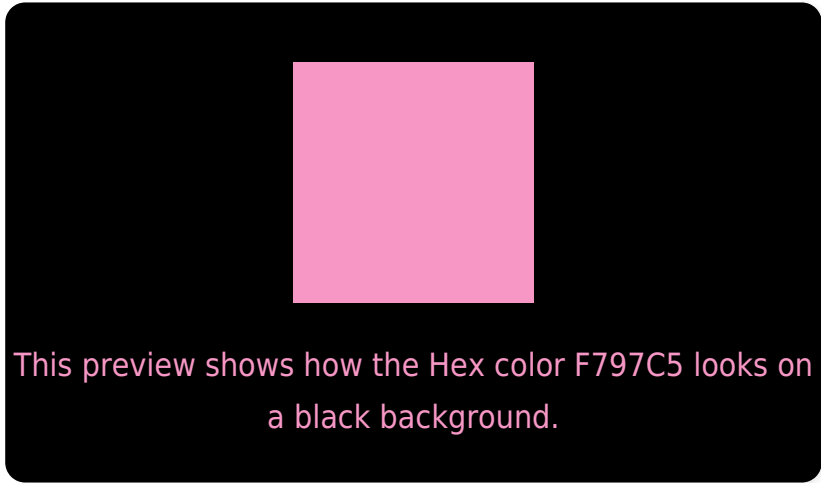
Large Text (above 18pt) WCAG AA × Fail

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 F797C5 Background



This preview shows how black text looks on a background with the Hex color F797C5.

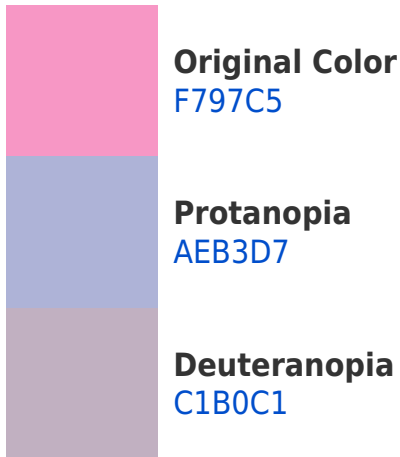


This preview shows how white text looks on a background with the Hex color F797C5.

# 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**  
F49CA8

# Trichromacy



**Original Color**  
F797C5



**Protanomaly**  
C9A9D0



**Deuteranomaly**  
D5A7C2



**Tritanomaly**  
F59AB3

# Monochromacy



**Original Color**  
F797C5



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
D0ADB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F797C5 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 #F797C5 looks like.

```
.text, #text, p{  
  color:#F797C5  
}
```

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 #F797C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F797C5
}
```

## Border

The CSS property to change the border of an element to Hex F797C5 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
#F797C5 }
```

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

```
.border{ border-color:#F797C5 }
```

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

Here you see how a box with a 4 pixel #F797C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F797C5; -webkit-box-shadow:4px 4px  
4px 4px #F797C5; box-shadow:4px 4px 4px  
4px #F797C5 }
```

# Background

The CSS property to change the background color of an element to Hex F797C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F797C5 }
```

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

```
.background{ background-color:#F797C5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor