

# Converting Colors

Hex(F5C1F7)

Have a look what the booklet for  
Hex(F5C1F7) contains.

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# **Color**

**Hex(F5C1F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C1F7
RGB	245, 193, 247
RGB Percent	96%, 76%, 97%
CMY	0.0392, 0.2431, 0.0314
CMYK	0.01, 0.22, 0.00, 0.03
HSL	298°, 77%, 86%
HSV	298°, 22%, 97%
XYZ	73.5147, 64.2678, 96.5260
YIQ	214.7040, 13.6580, 27.8180

# Conversions

## Conversions Part 2

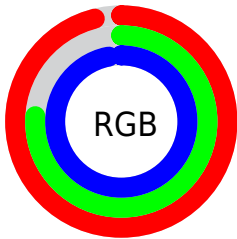
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">245, 193, 247</a>
Decimal	<a href="#">16105975</a>
<a href="#">CIELab</a>	<a href="#">84.11, 27.48, -19.53</a>
<a href="#">CIElCh</a>	<a href="#">84, 33.715, 324.594</a>
<a href="#">Yxy</a>	<a href="#">64.2678, 0.3138, 0.2743</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294296055 (0xFFFF5C1F7)</a>
<a href="#">YUV</a>	<a href="#">214.7040, 15.9219, 26.5696</a>
<a href="#">Hunter-Lab</a>	<a href="#">80.1672, 23.3948, -15.2716</a>

# Details

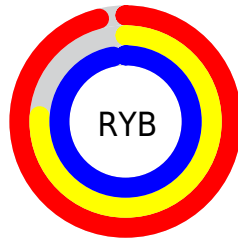
The Hex color **F5C1F7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C3F7C1**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFAFF**, and **BC8BBF** is the 20% darker color. If you saturate the color by 10%, you get **F4A8F7**, and if you desaturate by 10%, it is **F6DAF7**.

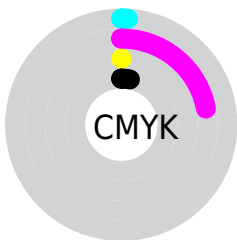
# Distribution



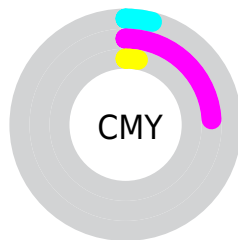
- Red (96%)
- Green (76%)
- Blue (97%)



- Red (96%)
- Yellow (76%)
- Blue (97%)



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (24%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F5C1F7 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 F5C1F7 by changing the saturation by 10% instead.



 F5C1F7

FFFFFF

 FFFAFF

 F5C1F7

 D8A6DA

 BC8BBF

 A171A3

 865889

 6C4070

 532957

 3B1240

 250029

 000014

 F5C1F7

 F5C1F7

 F4A8F7

 F6DAF7

 F390F7

 F7F2F7

 F277F7

 F8FFF7

 F15EF7

 F9FFF7

 F046F7

 FAFFF7

 F02DF7

 FBFFF7

 EF14F7

 FCFFF7

 EE00F7

 FDFFF7

# Harmonies

## Analogous

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



CFCCFF



F5C1F7



FFBBD9

# Triad

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



F5C1F7



EECE93



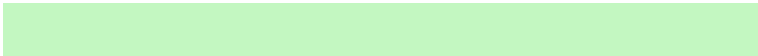
6FE3EB

# Complementary

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



F5C1F7



C3F7C1

# 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.



85E3CB



F5C1F7



CDD897

# Square

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



F5C1F7



FFC39F



A8DFAC



79DFFF

# Rectangle

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



F5C1F7



FFBBC3



A8DFAC



73E3E1



# Sweetspot

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



F5C1F7



FEEDFF



C1C4F7



7F7580



000000



808080



# Same Dimension

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



F5C1F7



FDBDFF



F7C1DF



7A6E7A



B300BA



38003B



# Inverse Universe

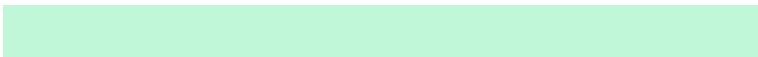
The Inverse Universe completely reimagines the original color for something new.



F7C1C3



FFBDBF



C1F7D9



7A6E6F



BA0007

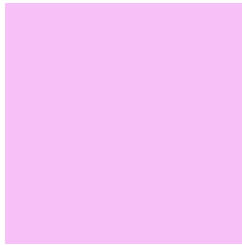


3B0002



# Previews

## White Background



This preview shows how the Hex color F5C1F7 looks on a white background.

## Color Contrast Check

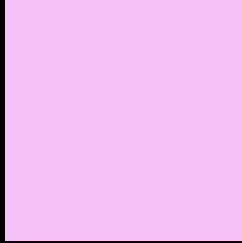
Large Text (above 18pt) WCAG AA × Fail

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 F5C1F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

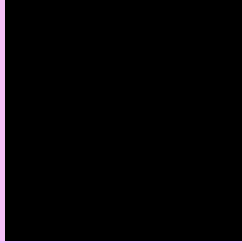
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F5C1F7 Background



This preview shows how black text looks on a background with the Hex color F5C1F7.

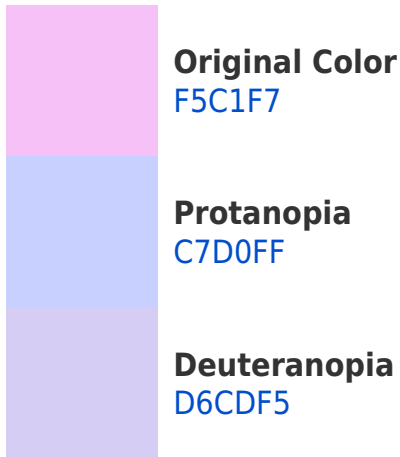


This preview shows how white text looks on a background with the Hex color F5C1F7.

# 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**  
F0C7D6

# Trichromacy



**Original Color**  
F5C1F7



**Protanomaly**  
D8CBFC



**Deuteranomaly**  
E1C9F6

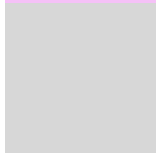


**Tritanomaly**  
F2C5E2

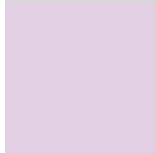
# Monochromacy



**Original Color**  
F5C1F7



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
E2CFE3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F5C1F7 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 #F5C1F7 looks like.

```
.text, #text, p{  
    color:#F5C1F7  
}
```

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 #F5C1F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5C1F7
}
```

## Border

The CSS property to change the border of an element to Hex F5C1F7 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
#F5C1F7 }
```

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

```
.border{ border-color:#F5C1F7 }
```

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

Here you see how a box with a 4 pixel #F5C1F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5C1F7; -webkit-box-shadow:4px 4px  
4px 4px #F5C1F7; box-shadow:4px 4px 4px  
4px #F5C1F7 }
```

# Background

The CSS property to change the background color of an element to Hex F5C1F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5C1F7 }
```

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

```
.background{ background-color:#F5C1F7 }
```

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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