

# Converting Colors

Hex(F87FCB)

Have a look what the booklet for  
Hex(F87FCB) contains.

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# **Color**

**Hex(F87FCB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F87FCB
RGB	248, 127, 203
RGB Percent	97%, 50%, 80%
CMY	0.0275, 0.5020, 0.2039
CMYK	0.00, 0.49, 0.18, 0.03
HSL	322°, 90%, 74%
HSV	322°, 49%, 97%
XYZ	57.0803, 39.4470, 61.1055
YIQ	171.8430, 47.7200, 49.2880

# Conversions

## Conversions Part 2

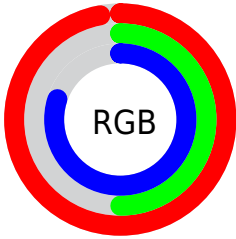
Format	Color
R <sub>Y</sub> B	248, 127, 203
Decimal	16285643
CIE Lab	69.07, 55.15, -18.29
CIE LCh	69, 58.101, 341.651
Yxy	39.4470, 0.3621, 0.2502
Android (android.graphics.Color)	4294475723 (0xFFFF87FCB)
YUV	171.8430, 15.3604, 66.7897
Hunter-Lab	62.8068, 52.3128, -13.7191

# Details

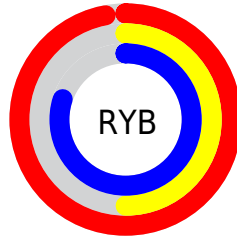
The Hex color **F87FCB** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7FF8AC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB7FF**, and **BD4895** is the 20% darker color. If you saturate the color by 10%, you get **F866C2**, and if you desaturate by 10%, it is **F898D4**.

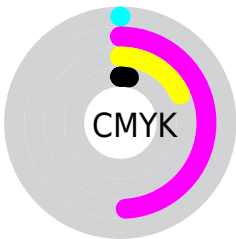
# Distribution



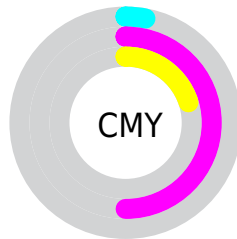
- Red (97%)
- Green (50%)
- Blue (80%)



- Red (97%)
- Yellow (50%)
- Blue (80%)



- Cyan (0%)
- Magenta (49%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (50%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F87FCB 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 F87FCB by changing the saturation by 10% instead.



 F87FCB

 F87FCB

FFFFFF

 DA64B0

 FFB7FF

 BD4895

 FFD4FF

 A02B7B

 FFF1FF

 840262

 69004A

 4E0033

 36001E

 130000

 000000

 F87FCB

 F87FCB

 F866C2

 F898D4

 F84DB9

 F8B1DD

 F835AF

 F8C9E7

 F81CA6

 F8E2F0

 F8039D

 F8FBF9

 F8009C

 F8FFFF

# Harmonies

## Analogous

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



C792F8



F87FCB



FF7A96

# Triad

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



F87FCB



B2AC3A



00C0ED

# Complementary

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



F87FCB



7FF8AC

# 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.



00C3BC



F87FCB



78B956

# Square

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



F87FCB



E09A42



00C086



00B7FF

# Rectangle

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



F87FCB



FF8174



00C086



00C1DE



# Sweetspot

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



F87FCB



FFD9F1



AB7FF8



806977



000000



808080



# Same Dimension

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



F87FCB



FF69C7



F87F8F



7D7078



BD0077



3D0026



# Inverse Universe

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



F87FCB



FF69C7



7FF8E8



7D7078



BD0077



3D0026



# Previews

## White Background



This preview shows how the Hex color F87FCB looks on a white background.

## Color Contrast Check

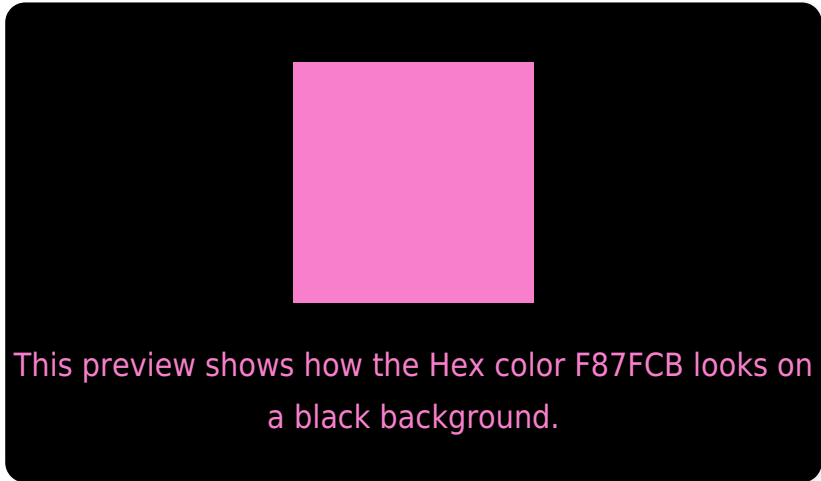
Large Text (above 18pt) WCAG AA × Fail

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 F87FCB Background



This preview shows how black text looks on a background with the Hex color F87FCB.

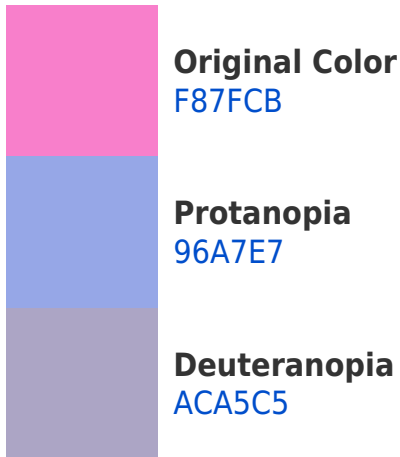


This preview shows how white text looks on a background with the Hex color F87FCB.

# 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**  
F28A95

# Trichromacy



**Original Color**  
F87FCB



**Protanomaly**  
BA98DD



**Deuteranomaly**  
C897C7



**Tritanomaly**  
F486A9

# Monochromacy



**Original Color**  
F87FCB



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C89CB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F87FCB 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 #F87FCB looks like.

```
.text, #text, p{  
    color:#F87FCB  
}
```

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 #F87FCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F87FCB
}
```

## Border

The CSS property to change the border of an element to Hex F87FCB 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
#F87FCB }
```

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

```
.border{ border-color:#F87FCB }
```

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

Here you see how a box with a 4 pixel #F87FCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F87FCB; -webkit-box-shadow:4px 4px  
4px 4px #F87FCB; box-shadow:4px 4px 4px  
4px #F87FCB }
```

# Background

The CSS property to change the background color of an element to Hex F87FCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F87FCB }
```

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

```
.background{ background-color:#F87FCB }
```

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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