

# Converting Colors

Hex(F837B2)

Have a look what the booklet for  
Hex(F837B2) contains.

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**Color**

**Hex(F837B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F837B2
RGB	248, 55, 178
RGB Percent	97%, 22%, 70%
CMY	0.0275, 0.7843, 0.3020
CMYK	0.00, 0.78, 0.28, 0.03
HSL	322°, 93%, 59%
HSV	322°, 78%, 97%
XYZ	48.1135, 25.9032, 44.5834
YIQ	126.7290, 75.5450, 79.1690

# Conversions

## Conversions Part 2

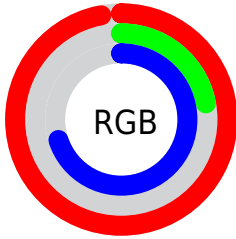
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 55, 178
Decimal	16267186
CIE <sub>Lab</sub>	57.95, 79.76, -21.02
CIE <sub>LCh</sub>	58, 82.481, 345.234
Yxy	25.9032, 0.4057, 0.2184
Android (android.graphics.Color)	4294457266 (0xFFFF837B2)
YUV	126.7290, 25.2766, 106.3547
Hunter-Lab	50.8952, 79.6774, -16.3106

# Details

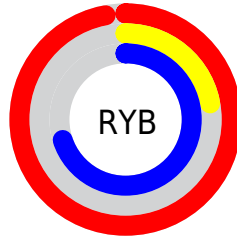
The Hex color **F837B2** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **37F87D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF79EA**, and **BB007D** is the 20% darker color. If you saturate the color by 10%, you get **F81EA9**, and if you desaturate by 10%, it is **F850BB**.

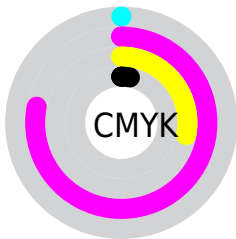
# Distribution



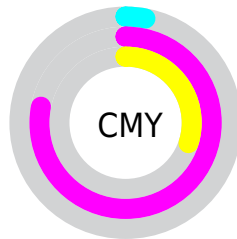
- Red (97%)
- Green (22%)
- Blue (70%)



- Red (97%)
- Yellow (22%)
- Blue (70%)



- Cyan (0%)
- Magenta (78%)
- Yellow (28%)
- Black (3%)



- Cyan (3%)
- Magenta (78%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F837B2 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 F837B2 by changing the saturation by 10% instead.



 F837B2

 F837B2

FFFFFF

 D90097

 FF79EA

 BB007D

 FF98FF

 9D0064

 FFB6FF

 7F004C

 FFD4FF

 620035

 FFF2FF

 460020

 290002

 000000

 F837B2

 F837B2

 F81EA9

 F850BB

 F805A0

 F869C4

 F8009E

 F881CD

 F89AD6

 F8B3DF

 F8CCE8

 F8E5F1

 F8FDFA

 F8FFFF

# Harmonies

## Analogous

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



BA64F2



F837B2



FF2E6A

# Triad

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



F837B2



869300



00A8F1

# Complementary

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



F837B2



37F87D

# 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.



00AAAF



F837B2



1EA109

# Square

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



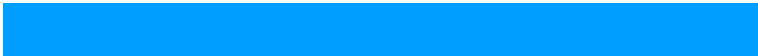
F837B2



C57B00



00A864



009EFF

# Rectangle

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



F837B2



FD483C



00A864



00A9DD



# Sweetspot

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



F837B2



FFC4EA



7B37F8



805C73



000000



808080



# Same Dimension

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



F837B2



FF12A9



F83754



7D7078



BD0078



3D0027



# Inverse Universe

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



F837B2



FF12A9



37F8DB



7D7078



BD0078



3D0027



# Previews

## White Background



This preview shows how the Hex color F837B2 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex F837B2 Background



This preview shows how black text looks on a background with the Hex color F837B2.



This preview shows how white text looks on a background with the Hex color F837B2.

# 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





# Trichromacy



**Original Color**  
F837B2



**Protanomaly**  
976BD8



**Deuteranomaly**  
B36BAC



**Tritanomaly**  
F44979

# Monochromacy



**Original Color**  
F837B2



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
AB6592

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F837B2 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 #F837B2 looks like.

```
.text, #text, p{  
    color:#F837B2  
}
```

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 #F837B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F837B2
}
```

## Border

The CSS property to change the border of an element to Hex F837B2 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
#F837B2 }
```

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

```
.border{ border-color:#F837B2 }
```

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

Here you see how a box with a 4 pixel #F837B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F837B2; -webkit-box-shadow:4px 4px  
4px 4px #F837B2; box-shadow:4px 4px 4px  
4px #F837B2 }
```

# Background

The CSS property to change the background color of an element to Hex F837B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F837B2 }
```

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

```
.background{ background-color:#F837B2 }
```

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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