

# Converting Colors

Hex(FC83CA)

Have a look what the booklet for  
Hex(FC83CA) contains.

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# **Color**

**Hex(FC83CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FC83CA
RGB	252, 131, 202
RGB Percent	99%, 51%, 79%
CMY	0.0118, 0.4863, 0.2078
CMYK	0.00, 0.48, 0.20, 0.01
HSL	325°, 95%, 75%
HSV	325°, 48%, 99%
XYZ	58.9219, 41.1923, 60.7225
YIQ	175.2730, 49.3250, 47.7330

# Conversions

## Conversions Part 2

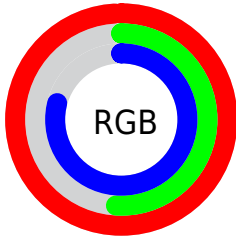
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	252, 131, 202
Decimal	16548810
CIE Lab	70.31, 54.31, -15.81
CIE LCh	70, 56.561, 343.765
Yxy	41.1923, 0.3663, 0.2561
Android (android.graphics.Color)	4294738890 (0xFFFC83CA)
YUV	175.2730, 13.1764, 67.2896
Hunter-Lab	64.1812, 51.5555, -11.1680

# Details

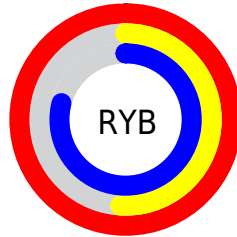
The Hex color **FC83CA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83FCB5**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFBBFF**, and **C14C94** is the 20% darker color. If you saturate the color by 10%, you get **FC6AC0**, and if you desaturate by 10%, it is **FC9CD4**.

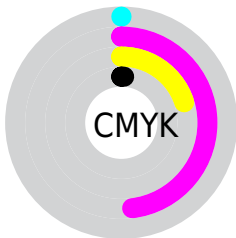
# Distribution



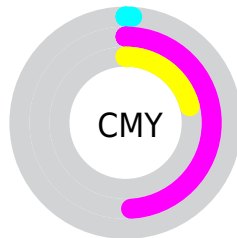
- Red (99%)
- Green (51%)
- Blue (79%)



- Red (99%)
- Yellow (51%)
- Blue (79%)



- Cyan (0%)
- Magenta (48%)
- Yellow (20%)
- Black (1%)



- Cyan (1%)
- Magenta (49%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC83CA 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 FC83CA by changing the saturation by 10% instead.



 FC83CA

 FC83CA

FFFFFF

 DE68AF

 FFBBFF

 C14C94

 FFD8FF

 A4307A

 FFF5FF

 880C61

 6C0049

 510033

 39001E

 190001

 000000

 FC83CA

 FC83CA

 FC6AC0

 FC9CD4

 FC51B5

 FCB5DF

 FC37AB

 FCCFE9

 FC1EA0

 FCE8F4

 FC0596

 FCFFFE

 FC0094

 FCFFFF

# Harmonies

## Analogous

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



CE95F7



FC83CA



FF7F96

# Triad

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



FC83CA



B2B142



00C2F2

# Complementary

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



FC83CA



83FCB5

# 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.



00C6C3



FC83CA



79BD5E

# Square

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



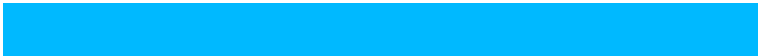
FC83CA



E09F46



00C48D



00B9FF

# Rectangle

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



FC83CA



FF8676



00C48D



00C4E4



# Sweetspot

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



FC83CA



FFDBF0



B383FC



806A77



000000



808080



# Same Dimension

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



FC83CA



FF6BC2



FC838F



7D7078



BD006F



3D0024



# Inverse Universe

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



FC83CA



FF6BC2



83FCF0



7D7078



BD006F

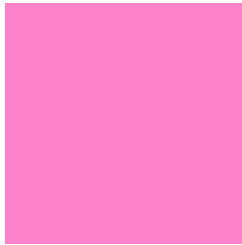


3D0024



# Previews

## White Background



This preview shows how the Hex color FC83CA looks on a white background.

## Color Contrast Check

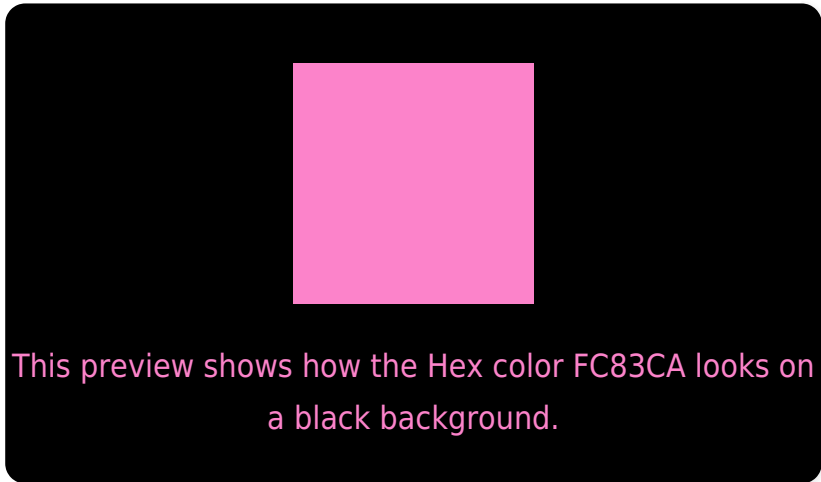
Large Text (above 18pt) WCAG AA × Fail

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 FC83CA Background



This preview shows how black text looks on a background with the Hex color FC83CA.

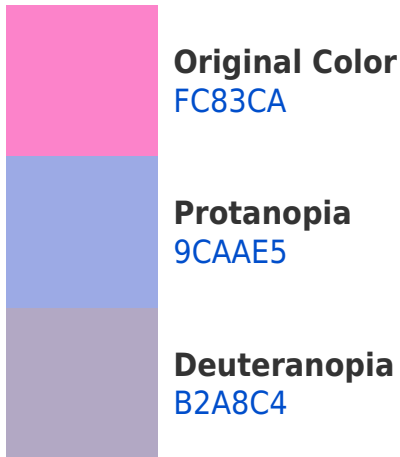


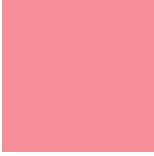
This preview shows how white text looks on a background with the Hex color FC83CA.

# 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**  
F78D98

# Trichromacy



**Original Color**  
FC83CA



**Protanomaly**  
BF9CDB



**Deuteranomaly**  
CD9BC6



**Tritanomaly**  
F989AA

# Monochromacy



**Original Color**  
FC83CA



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
CB9FB9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC83CA 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 #FC83CA looks like.

```
.text, #text, p{  
    color:#FC83CA  
}
```

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 #FC83CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC83CA
}
```

## Border

The CSS property to change the border of an element to Hex FC83CA 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
#FC83CA }
```

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

```
.border{ border-color:#FC83CA }
```

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

Here you see how a box with a 4 pixel #FC83CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC83CA; -webkit-box-shadow:4px 4px  
4px 4px #FC83CA; box-shadow:4px 4px 4px  
4px #FC83CA }
```

# Background

The CSS property to change the background color of an element to Hex FC83CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC83CA }
```

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

```
.background{ background-color:#FC83CA }
```

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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