

# Converting Colors

Hex(FC7FD2)

Have a look what the booklet for  
Hex(FC7FD2) contains.

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# **Color**

**Hex(FC7FD2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC7FD2
RGB	252, 127, 210
RGB Percent	99%, 50%, 82%
CMY	0.0118, 0.5020, 0.1765
CMYK	0.00, 0.50, 0.17, 0.01
HSL	320°, 95%, 74%
HSV	320°, 50%, 99%
XYZ	59.3671, 40.5273, 65.6663
YIQ	173.8370, 47.8570, 52.3130

# Conversions

## Conversions Part 2

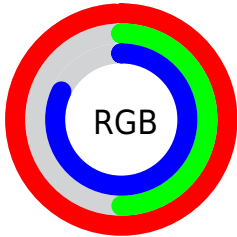
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 127, 210
Decimal	16547794
CIE <sub>Lab</sub>	69.84, 57.39, -20.97
CIE <sub>LCh</sub>	70, 61.101, 339.928
Yxy	40.5273, 0.3586, 0.2448
Android (android.graphics.Color)	4294737874 (0xFFFC7FD2)
YUV	173.8370, 17.8284, 68.5490
Hunter-Lab	63.6611, 55.0532, -16.5948

# Details

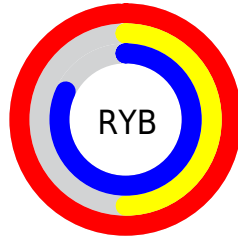
The Hex color **FC7FD2** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7FFCA9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFB7FF**, and **C1489B** is the 20% darker color. If you saturate the color by 10%, you get **FC66CA**, and if you desaturate by 10%, it is **FC98DA**.

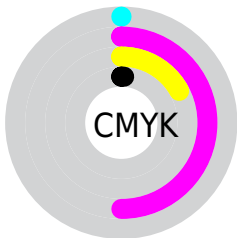
# Distribution



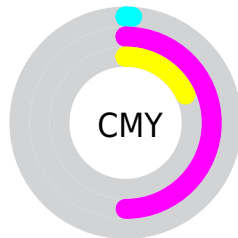
- Red (99%)
- Green (50%)
- Blue (82%)



- Red (99%)
- Yellow (50%)
- Blue (82%)



- Cyan (0%)
- Magenta (50%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (50%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC7FD2 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 FC7FD2 by changing the saturation by 10% instead.



 FC7FD2

 FC7FD2

FFFFFF

 DE63B6

 FFB7FF

 C1489B

 FFD4FF

 A42A81

 FFF1FF

 880068

 6C0050

 510039

 390023

 190009

 000000

 FC7FD2

 FC7FD2

 FC66CA

 FC98DA

 FC4DC1

 FCB1E3

 FC33B9

 FCCBEB

 FC1AB0

 FCE4F4

 FC01A8

 FCFDFC

 FC00A7

 FCFFFF

# Harmonies

## Analogous

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



C694FF



FC7FD2



FF789A

# Triad

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



FC7FD2



B7AE34



00C3F1

# Complementary

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



FC7FD2



7FFCA9

# 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.



00C6BC



FC7FD2



7BBB51

# Square

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



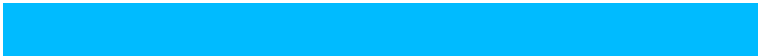
FC7FD2



E79A3F



00C383



00BBFF

# Rectangle

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



FC7FD2



FF7F77



00C383



00C5E0



# Sweetspot

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



FC7FD2



FFD9F2



A97FFC



806978



000000



808080



# Same Dimension

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



FC7FD2



FF66CC



FC7F94



7D7079



BD007D



3D0029



# Inverse Universe

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



FC7FD2



FF66CC



7FFCE7



7D7079



BD007D



3D0029



# Previews

## White Background



This preview shows how the Hex color FC7FD2 looks on a white background.

## Color Contrast Check

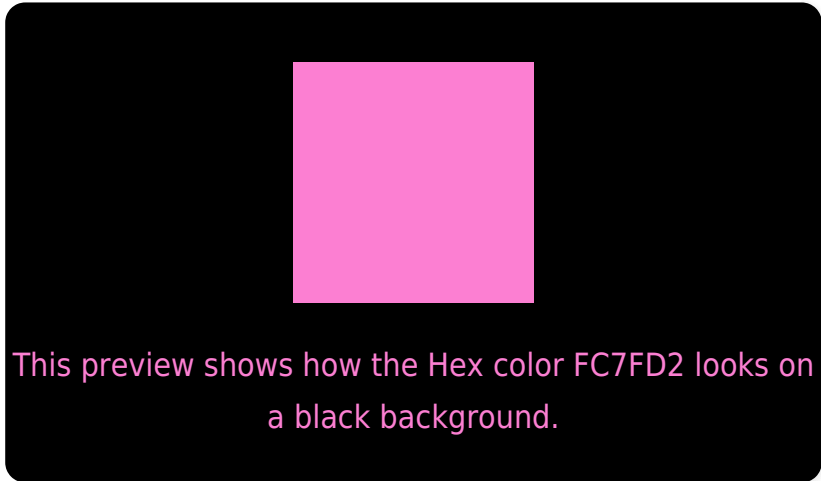
Large Text (above 18pt) WCAG AA × Fail

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 FC7FD2 Background



This preview shows how black text looks on a background with the Hex color FC7FD2.

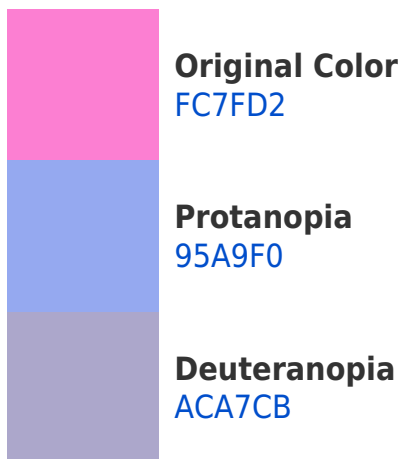


This preview shows how white text looks on a background with the Hex color FC7FD2.

# 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**  
F68C96

# Trichromacy



**Original Color**  
FC7FD2



**Protanomaly**  
BA9AE5



**Deuteranomaly**  
C998CE

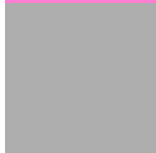


**Tritanomaly**  
F887AC

# Monochromacy



**Original Color**  
FC7FD2



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
CA9DBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC7FD2 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 #FC7FD2 looks like.

```
.text, #text, p{  
    color:#FC7FD2  
}
```

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 #FC7FD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC7FD2
}
```

## Border

The CSS property to change the border of an element to Hex FC7FD2 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
#FC7FD2 }
```

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

```
.border{ border-color:#FC7FD2 }
```

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

Here you see how a box with a 4 pixel #FC7FD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC7FD2; -webkit-box-shadow:4px 4px  
4px 4px #FC7FD2; box-shadow:4px 4px 4px  
4px #FC7FD2 }
```

# Background

The CSS property to change the background color of an element to Hex FC7FD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC7FD2 }
```

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

```
.background{ background-color:#FC7FD2 }
```

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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