

# Converting Colors

Hex(FC7BD3)

Have a look what the booklet for  
Hex(FC7BD3) contains.

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# Color

**Hex(FC7BD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC7BD3
RGB	252, 123, 211
RGB Percent	99%, 48%, 83%
CMY	0.0118, 0.5176, 0.1725
CMYK	0.00, 0.51, 0.16, 0.01
HSL	319°, 96%, 74%
HSV	319°, 51%, 99%
XYZ	58.9857, 39.5645, 66.1558
YIQ	171.6030, 48.6360, 54.7160

# Conversions

## Conversions Part 2

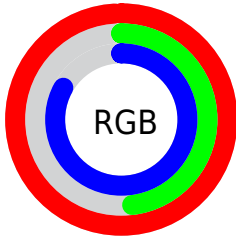
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">252, 123, 211</a>
Decimal	<a href="#">16546771</a>
CIELab	<a href="#">69.16, 59.43, -22.57</a>
CIELCh	<a href="#">69, 63.568, 339.203</a>
Yxy	<a href="#">39.5645, 0.3581, 0.2402</a>
Android (android.graphics.Color)	<a href="#">4294736851 (0xFFFC7BD3)</a>
YUV	<a href="#">171.6030, 19.4227, 70.5082</a>
Hunter-Lab	<a href="#">62.9003, 57.3154, -18.3284</a>

# Details

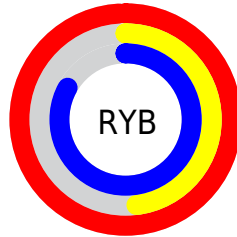
The Hex color **FC7BD3** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7BFCA4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFB3FF**, and **C1439C** is the 20% darker color. If you saturate the color by 10%, you get **FC62CB**, and if you desaturate by 10%, it is **FC94DB**.

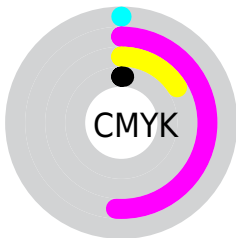
# Distribution



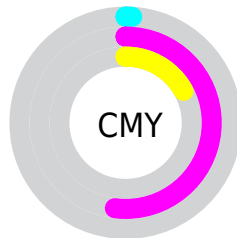
- Red (99%)
- Green (48%)
- Blue (83%)



- Red (99%)
- Yellow (48%)
- Blue (83%)



- Cyan (0%)
- Magenta (51%)
- Yellow (16%)
- Black (1%)



- Cyan (1%)
- Magenta (52%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC7BD3 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 FC7BD3 by changing the saturation by 10% instead.



 FC7BD3

 FC7BD3

FFFFFF

 DE5FB7

 FFB3FF

 C1439C

 FFD0FF

 A42482

 FFEDFF

 880069

 6C0050

 510039

 380024

 17000A

 000000

 FC7BD3

 FC7BD3

 FC62CB

 FC94DB

 FC49C3

 FCADE3

 FC2FBB

 FCC7EB

 FC16B3

 FCE0F3

 FC00AC

 FCF9FB

 FCFFFF

# Harmonies

## Analogous

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



C392FF



FC7BD3



FF7399

# Triad

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



FC7BD3



B7AC2B



00C3F0

# Complementary

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



FC7BD3



7BFCA4

# 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.



00C5B9



FC7BD3



78BA4A

# Square

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



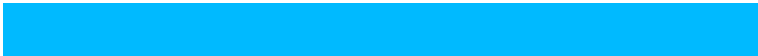
FC7BD3



E89739



00C27E



00BAFF

# Rectangle

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



FC7BD3



FF7A74



00C27E



00C4DF



# Sweetspot

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



FC7BD3



FFD9F3



A47BFC



806978



000000



808080



# Same Dimension

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



FC7BD3



FF63CE



FC7B93



7D7079



BD0081



3D002A



# Inverse Universe

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



FC7BD3



FF63CE



7BFCE4



7D7079



BD0081



3D002A



# Previews

## White Background



This preview shows how the Hex color FC7BD3 looks on a white background.

## Color Contrast Check

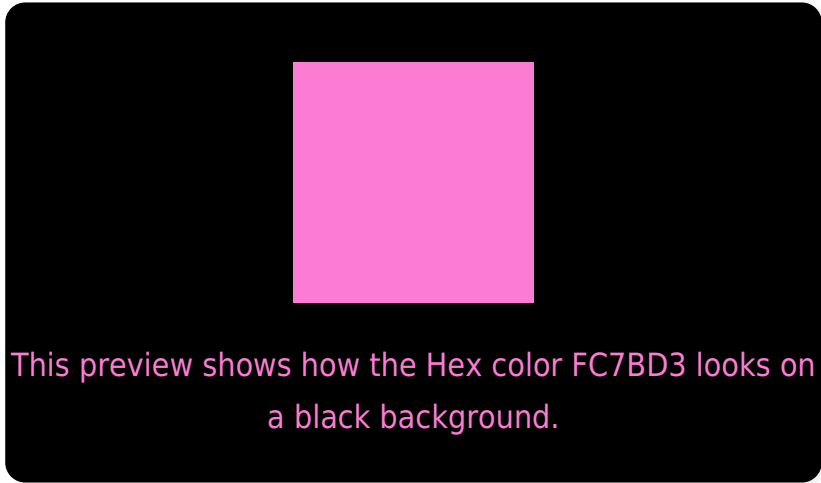
Large Text (above 18pt) WCAG AA × Fail

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 FC7BD3 Background



This preview shows how black text looks on a background with the Hex color FC7BD3.

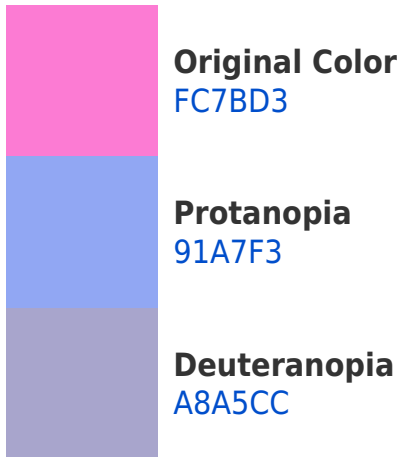


This preview shows how white text looks on a background with the Hex color FC7BD3.

# 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**  
F58993

# Trichromacy



**Original Color**  
FC7BD3



**Protanomaly**  
B897E7



**Deuteranomaly**  
C796CF



**Tritanomaly**  
F884AA

# Monochromacy



**Original Color**  
FC7BD3



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C99ABA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC7BD3 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 #FC7BD3 looks like.

```
.text, #text, p{  
    color:#FC7BD3  
}
```

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 #FC7BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC7BD3
}
```

## Border

The CSS property to change the border of an element to Hex FC7BD3 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
#FC7BD3 }
```

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

```
.border{ border-color:#FC7BD3 }
```

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

Here you see how a box with a 4 pixel #FC7BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC7BD3; -webkit-box-shadow:4px 4px  
4px 4px #FC7BD3; box-shadow:4px 4px 4px  
4px #FC7BD3 }
```

# Background

The CSS property to change the background color of an element to Hex FC7BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC7BD3 }
```

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

```
.background{ background-color:#FC7BD3 }
```

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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