

Converting Colors

Hex(FF7BD3)

Have a look what the booklet for
Hex(FF7BD3) contains.

Hex(FF7BD3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F77BD3)

Conversions

Conversions Part 1

Format	Color
Hex	FF7BD3
RGB	255, 123, 211
RGB Percent	100%, 48%, 83%
CMY	0.0000, 0.5176, 0.1725
CMYK	0.00, 0.52, 0.17, 0.00
HSL	320°, 100%, 74%
HSV	320°, 52%, 100%
XYZ	60.0808, 40.1291, 66.2071
YIQ	172.5000, 50.4240, 55.3520

Conversions

Conversions Part 2

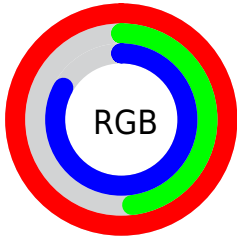
Format	Color
R _Y B	255, 123, 211
Decimal	16743379
CIE Lab	69.56, 60.31, -21.92
CIE LCh	70, 64.171, 340.028
Yxy	40.1291, 0.3610, 0.2411
Android (android.graphics.Color)	4294933459 (0xFFFF7BD3)
YUV	172.5000, 18.9805, 72.3525
Hunter-Lab	63.3475, 58.4371, -17.6232

Details

The Hex color **FF7BD3** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7BFFA7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB3FF**, and **C4439C** is the 20% darker color. If you saturate the color by 10%, you get **FF62CB**, and if you desaturate by 10%, it is **FF95DC**.

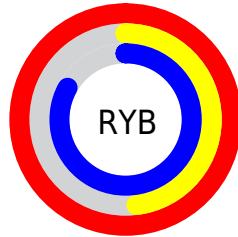
Distribution



Red (100%)

Green (48%)

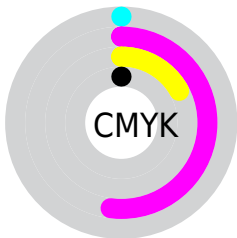
Blue (83%)



Red (100%)

Yellow (48%)

Blue (83%)

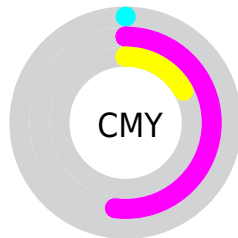


Cyan (0%)

Magenta (52%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Hex color FF7BD3 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 FF7BD3 by changing the saturation by 10% instead.

 FF7BD3

 FF7BD3

FFFFFF

 E15FB7

 FFB3FF

 C4439C

 FFD0FF

 A72382

 FFE0FF

 8A0069

 6E0050

 530039

 3B0024

 1B000A

 000000

 FF7BD3

 FF7BD3

 FF62CB

 FF95DC

 FF48C2

 FFAEE4

 FF2FBA

 FFC8ED

 FF15B1

 FFE1F5

 FF00AA

 FFFBFE

FFFFFF

Harmonies

Analogous

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



C692FF



FF7BD3



FF7499

Triad

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



FF7BD3



B6AD2B



00C4F3

Complementary

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



FF7BD3



7BFFA7

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



FF7BD3



77BB4B

Square

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



FF7BD3



E89937



00C380



00BBFF

Rectangle

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



FF7BD3



FF7B73



00C380



00C5E3

Sweetspot

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



FF7BD3



FFD6F1



A77BFF



806777



000000



808080

Same Dimension

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



FF7BD3



FF61CA



FF7B91



80737B



BF0080



40002B

Inverse Universe

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



FF7BD3



FF61CA



7BFFE9



80737B



BF0080



40002B

Previews

White Background



This preview shows how the Hex color FF7BD3 looks on a white background.

Color Contrast Check

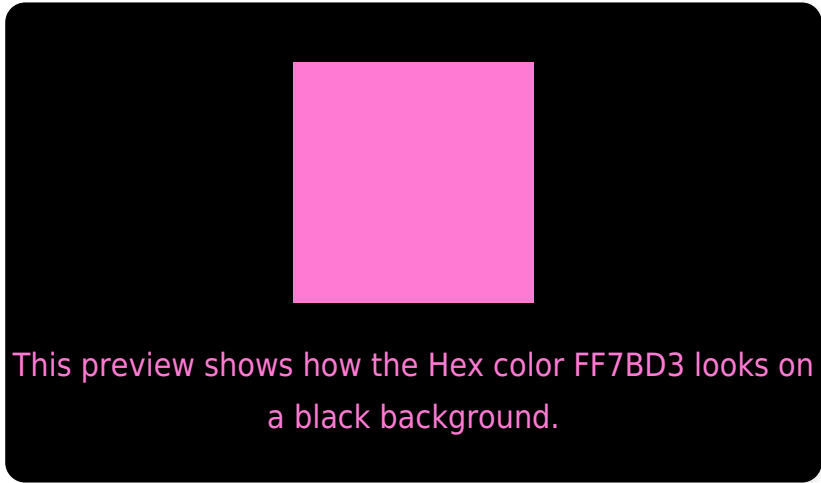
Large Text (above 18pt) WCAG AA × Fail

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 FF7BD3 Background



This preview shows how black text looks on a background with the Hex color FF7BD3.

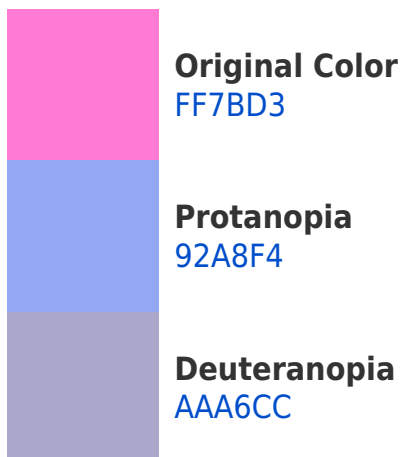


This preview shows how white text looks on a background with the Hex color FF7BD3.

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
F88993

Trichromacy



Original Color
FF7BD3



Protanomaly
BA98E8



Deuteranomaly
C996CF



Tritanomaly
FB84AA

Monochromacy



Original Color
FF7BD3



Achromatopsia
ADADAD



Achromatomaly
CB9BBB

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7BD3 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 #FF7BD3 looks like.

```
.text, #text, p{  
    color:#FF7BD3  
}
```

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 #FF7BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7BD3
}
```

Border

The CSS property to change the border of an element to Hex FF7BD3 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
#FF7BD3 }
```

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

```
.border{ border-color:#FF7BD3 }
```

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

Here you see how a box with a 4 pixel #FF7BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7BD3; -webkit-box-shadow:4px 4px  
4px 4px #FF7BD3; box-shadow:4px 4px 4px  
4px #FF7BD3 }
```

Background

The CSS property to change the background color of an element to Hex FF7BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7BD3 }
```

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

```
.background{ background-color:#FF7BD3 }
```

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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