

Converting Colors

Hex(FD7DB1)

Have a look what the booklet for
Hex(FD7DB1) contains.

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Color

Hex(FD7DB1)

Conversions

Conversions Part 1

Format	Color
Hex	FD7DB1
RGB	253, 125, 177
RGB Percent	99%, 49%, 69%
CMY	0.0078, 0.5098, 0.3059
CMYK	0.00, 0.51, 0.30, 0.01
HSL	336°, 97%, 74%
HSV	336°, 51%, 99%
XYZ	55.7774, 38.7242, 46.1297
YIQ	169.2000, 59.5960, 43.3080

Conversions

Conversions Part 2

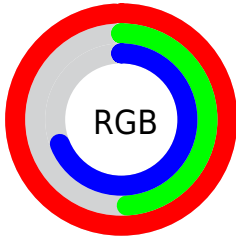
Format	Color
R_{YB}	253, 125, 177
Decimal	16612785
CIE _{Lab}	68.55, 54.17, -4.43
CIE _{LCh}	69, 54.348, 355.320
Yxy	38.7242, 0.3966, 0.2754
Android (android.graphics.Color)	4294802865 (0xFFFD7DB1)
YUV	169.2000, 3.8454, 73.4926
Hunter-Lab	62.2288, 51.0943, -0.3911

Details

The Hex color **FD7DB1** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7DFDC9**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB5E9**, and **C1467D** is the 20% darker color. If you saturate the color by 10%, you get **FD64A2**, and if you desaturate by 10%, it is **FD96C0**.

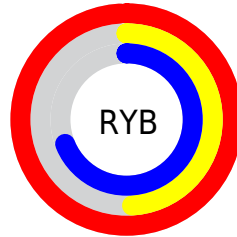
Distribution



Red (99%)

Green (49%)

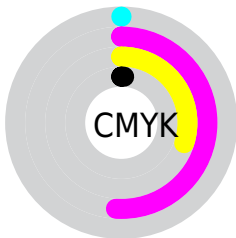
Blue (69%)



Red (99%)

Yellow (49%)

Blue (69%)

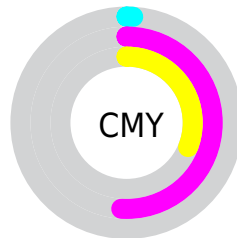


Cyan (0%)

Magenta (51%)

Yellow (30%)

Black (1%)



Cyan (1%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD7DB1 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 FD7DB1 by changing the saturation by 10% instead.

 FD7DB1

 FD7DB1

FFFFFF

 DF6296

 FFB5E9

 C1467D

 FFD1FF

 A42964

 FFEFFF

 87004C

 6B0035

 500020

 370007

 0C0000

 000000

FD7DB1

FD7DB1

FD64A2

FD96C0

FD4A93

FDB0CF

FD3184

FDC9DE

FD1875

FDE2ED

FD0067

FDFCFC

FDFFFF

Harmonies

Analogous

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



DC8AE0



FD7DB1



FF8080

Triad

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



FD7DB1



9AB14A



00BAF7

Complementary

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



FD7DB1



7DFDC9

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.



00BFD0



FD7DB1



5CBB6D

Square

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



FD7DB1



CAA241



00BF9E



1DAFFF

Rectangle

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



FD7DB1



F78A63



00BF9E



00BDEC

Sweetspot

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



FD7DB1



FFD9E8



C87DFD



806972



000000



808080

Same Dimension

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



FD7DB1



FF63A3



FD887D



807378



BF004E



40001A

Inverse Universe

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



FD7DB1



FF63A3



7DF2FD



807378



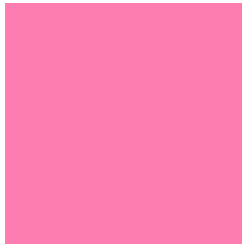
BF004E



40001A

Previews

White Background



This preview shows how the Hex color FD7DB1 looks on a white background.

Color Contrast Check

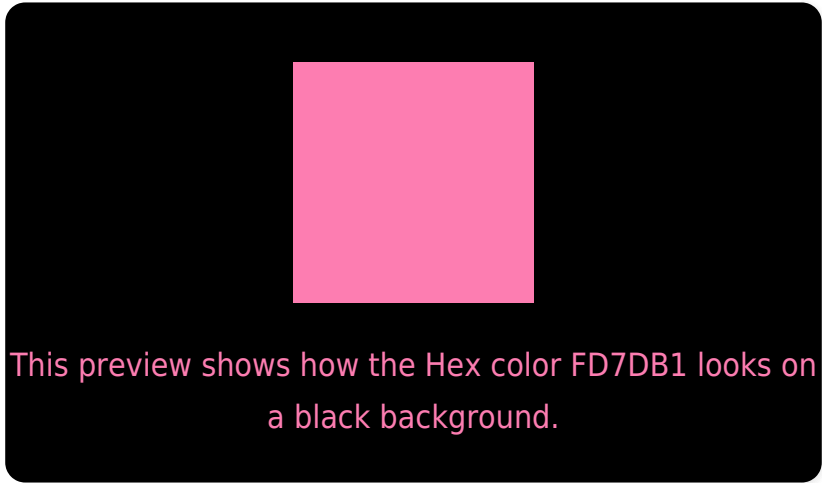
Large Text (above 18pt) WCAG AA × Fail

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 FD7DB1 Background



This preview shows how black text looks on a background with the Hex color FD7DB1.

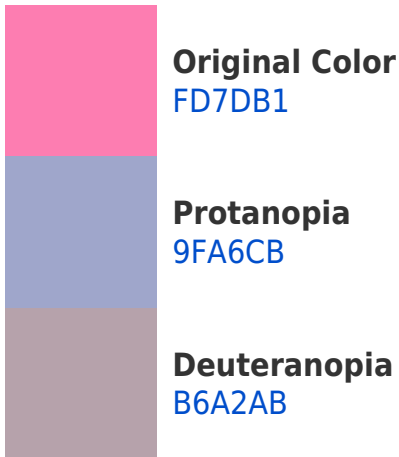



This preview shows how white text looks on a background with the Hex color FD7DB1.

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
FA848D

Trichromacy



Original Color
FD7DB1



Protanomaly
C197C2



Deuteranomaly
D095AD



Tritanomaly
FB819A

Monochromacy



Original Color
FD7DB1



Achromatopsia
A9A9A9



Achromatomaly
C899AC

CSS Examples

Text

The CSS property to change the color of the text to Hex FD7DB1 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 #FD7DB1 looks like.

```
.text, #text, p{  
    color:#FD7DB1  
}
```

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 #FD7DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD7DB1
}
```

Border

The CSS property to change the border of an element to Hex FD7DB1 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
#FD7DB1 }
```

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

```
.border{ border-color:#FD7DB1 }
```

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

Here you see how a box with a 4 pixel #FD7DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD7DB1; -webkit-box-shadow:4px 4px  
4px 4px #FD7DB1; box-shadow:4px 4px 4px  
4px #FD7DB1 }
```

Background

The CSS property to change the background color of an element to Hex FD7DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD7DB1 }
```

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

```
.background{ background-color:#FD7DB1 }
```

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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