

# Converting Colors

Hex(FDB7CC)

Have a look what the booklet for  
Hex(FDB7CC) contains.

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# **Color**

**Hex(FDB7CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDB7CC
RGB	253, 183, 204
RGB Percent	99%, 72%, 80%
CMY	0.0078, 0.2824, 0.2000
CMYK	0.00, 0.28, 0.19, 0.01
HSL	342°, 95%, 85%
HSV	342°, 28%, 99%
XYZ	68.3406, 59.1093, 64.9340
YIQ	206.3240, 34.9790, 21.3710

# Conversions

## Conversions Part 2

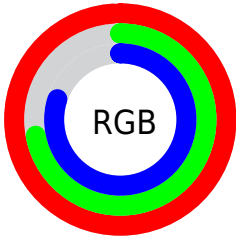
Format	Color
R <sub>Y</sub> B	253, 183, 204
Decimal	16627660
CIE Lab	81.35, 28.32, -0.50
CIE LCh	81, 28.322, 358.993
Yxy	59.1093, 0.3552, 0.3072
Android (android.graphics.Color)	4294817740 (0xFFFDDB7CC)
YUV	206.3240, -1.1457, 40.9349
Hunter-Lab	76.8825, 24.1235, 3.7422

# Details

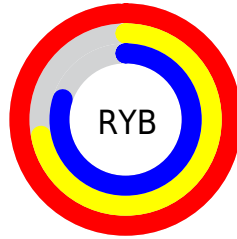
The Hex color **FDB7CC** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B7FDE8**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFEFFF**, and **C38196** is the 20% darker color. If you saturate the color by 10%, you get **FD9EBA**, and if you desaturate by 10%, it is **FDD0DE**.

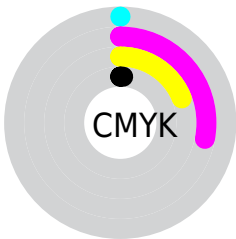
# Distribution



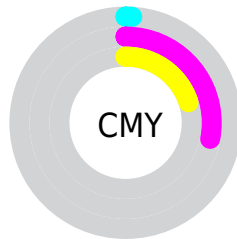
- Red (99%)
- Green (72%)
- Blue (80%)



- Red (99%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (28%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (28%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FDB7CC 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 FDB7CC by changing the saturation by 10% instead.



 FDB7CC

 FDB7CC

FFFFFF

 E09CB1

 FFEFFF

 C38196

 A7687C

 8C4F63

 72374B

 582035

 3F0720

 2B0007

 000000

 FDB7CC

 FDB7CC

 FD9EBA

 FDD0DE

 FD84A9

 FDEAEF

 FD6B97

 FDFFFF

 FD5285

 FD3973

 FD1F62

 FD0650

 FD004C

# Harmonies

## Analogous

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



EBBBE6



FDB7CC



FFB9B2

# Triad

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



FDB7CC



C2D09B



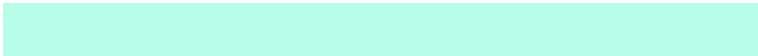
88D4F7

# Complementary

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



FDB7CC



B7FDE8

# 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.



7CD8E3



FDB7CC



A4D6AE

# Square

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



FDB7CC



DEC895



89D9C8



A8CDFF

# Rectangle

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



FDB7CC



F9BDA3



89D9C8



81D6F1



# Sweetspot

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



FDB7CC



FFEBF1



E8B7FD



807377



000000



808080



# Same Dimension

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



FDB7CC



FFABC4



FDC5B7



807377



BF0039



400013



# Inverse Universe

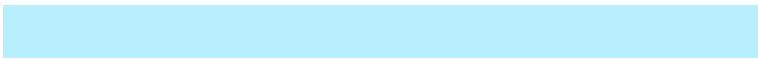
The Inverse Universe completely reimagines the original color for something new.



FDB7CC



FFABC4



B7EFFF



807377



BF0039



400013



# Previews

## White Background



This preview shows how the Hex color FDB7CC looks on a white background.

## Color Contrast Check

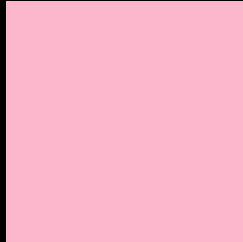
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FDB7CC looks on a 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 FDB7CC Background



This preview shows how black text looks on a background with the Hex color FDB7CC.

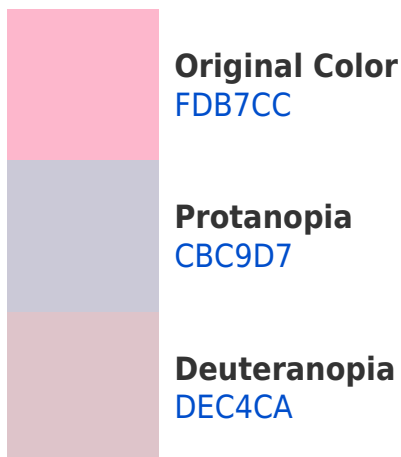


This preview shows how white text looks on a background with the Hex color FDB7CC.

# 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**  
FCB8C6

# Trichromacy



**Original Color**  
FDB7CC



**Protanomaly**  
DDC2D3



**Deuteranomaly**  
E9BFCB

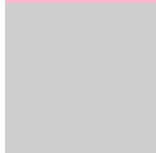


**Tritanomaly**  
FCB8C8

# Monochromacy



**Original Color**  
FDB7CC



**Achromatopsia**  
CECECE



**Achromatomaly**  
DFC6CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FDB7CC 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 #FDB7CC looks like.

```
.text, #text, p{  
    color:#FDB7CC  
}
```

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 #FDB7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDB7CC }  
}
```

## Border

The CSS property to change the border of an element to Hex FDB7CC 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 #FDB7CC }  
}
```

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

```
.border{ border-color:#FDB7CC }
```

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

Here you see how a box with a 4 pixel #FDB7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDB7CC; -webkit-box-shadow:4px 4px  
4px 4px #FDB7CC; box-shadow:4px 4px 4px  
4px #FDB7CC }
```

# Background

The CSS property to change the background color of an element to Hex FDB7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDB7CC }
```

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

```
.background{ background-color:#FDB7CC }
```

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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