

# Converting Colors

Hex(F7B2D7)

Have a look what the booklet for  
Hex(F7B2D7) contains.

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# **Color**

**Hex(F7B2D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7B2D7
RGB	247, 178, 215
RGB Percent	97%, 70%, 84%
CMY	0.0314, 0.3020, 0.1569
CMYK	0.00, 0.28, 0.13, 0.03
HSL	328°, 81%, 83%
HSV	328°, 28%, 97%
XYZ	66.5439, 56.5212, 71.6924
YIQ	202.8490, 29.2470, 26.1350

# Conversions

## Conversions Part 2

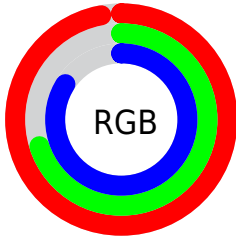
Format	Color
R <sub>Y</sub> B	247, 178, 215
Decimal	16233175
CIE Lab	79.91, 30.57, -8.63
CIE LCh	80, 31.769, 344.232
Yxy	56.5212, 0.3417, 0.2902
Android (android.graphics.Color)	4294423255 (0xFFF7B2D7)
YUV	202.8490, 5.9904, 38.7204
Hunter-Lab	75.1806, 26.4280, -3.9127

# Details

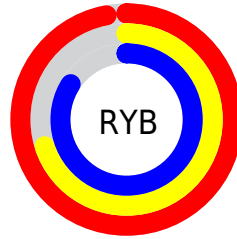
The Hex color **F7B2D7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B2F7D2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFEAFF**, and **BE7DA0** is the 20% darker color. If you saturate the color by 10%, you get **F799CC**, and if you desaturate by 10%, it is **F7CBE2**.

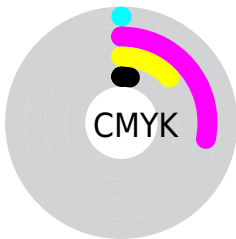
# Distribution



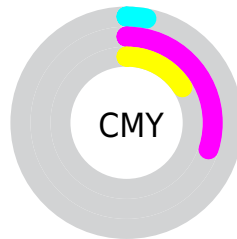
- Red (97%)
- Green (70%)
- Blue (84%)



- Red (97%)
- Yellow (70%)
- Blue (84%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (30%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7B2D7 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 F7B2D7 by changing the saturation by 10% instead.



 F7B2D7

 F7B2D7

FFFFFF

 DA97BB

 FFEAFF

 BE7DA0

 A26386

 874A6D

 6D3254

 531B3D

 3B0227

 280013

 000000

 F7B2D7

 F7B2D7

 F799CC

 F7CBE2

 F781C0

 F7E3EE

 F768B5

 F7FCF9

 F74FA9

 F7FFFF

 F7369E

 F71E92

 F70587

 F70084

# Harmonies

## Analogous

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



DCBAF1



F7B2D7



FFB0B9

# Triad

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



F7B2D7



CDC98C



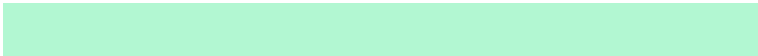
6DD4EE

# Complementary

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



F7B2D7



B2F7D2

# 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.



6FD7D4



F7B2D7



ACD19B

# Square

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



F7B2D7



E9BF8E



8AD5B5



8ACEFE

# Rectangle

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



F7B2D7



FFB3A6



8AD5B5



6AD5E6



# Sweetspot

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



F7B2D7



FFEBF6



D1B2F7



80737A



000000



808080



# Same Dimension

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



F7B2D7



FFA8D7



F7B2B5



7A6E75



BA0064



3B001F



# Inverse Universe

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



F7B2D7



FFA8D7



B2F7F4



7A6E75



BA0064



3B001F



# Previews

## White Background



This preview shows how the Hex color F7B2D7 looks on a white background.

## Color Contrast Check

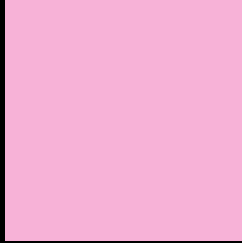
Large Text (above 18pt) WCAG AA × Fail

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 F7B2D7 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 F7B2D7 Background



This preview shows how black text looks on a background with the Hex color F7B2D7.

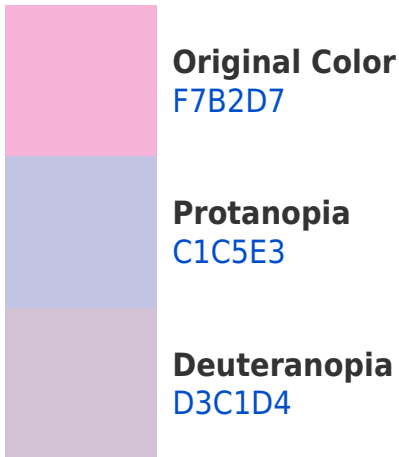


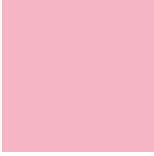
This preview shows how white text looks on a background with the Hex color F7B2D7.

# 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**  
F5B5C3

# Trichromacy



**Original Color**  
F7B2D7



**Protanomaly**  
D5BEDF



**Deuteranomaly**  
E0BCD5

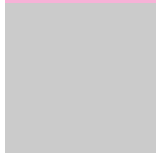


**Tritanomaly**  
F6B4CA

# Monochromacy



**Original Color**  
F7B2D7



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
DBC2CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7B2D7 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 #F7B2D7 looks like.

```
.text, #text, p{  
    color:#F7B2D7  
}
```

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 #F7B2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7B2D7
}
```

## Border

The CSS property to change the border of an element to Hex F7B2D7 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
#F7B2D7 }
```

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

```
.border{ border-color:#F7B2D7 }
```

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

Here you see how a box with a 4 pixel #F7B2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7B2D7; -webkit-box-shadow:4px 4px  
4px 4px #F7B2D7; box-shadow:4px 4px 4px  
4px #F7B2D7 }
```

# Background

The CSS property to change the background color of an element to Hex F7B2D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7B2D7 }
```

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

```
.background{ background-color:#F7B2D7 }
```

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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