

Converting Colors

Hex(FFBDF2)

Have a look what the booklet for
Hex(FFBDF2) contains.

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Color

Hex(FFBDF2)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDF2
RGB	255, 189, 242
RGB Percent	100%, 74%, 95%
CMY	0.0000, 0.2588, 0.0510
CMYK	0.00, 0.26, 0.05, 0.00
HSL	312°, 100%, 87%
HSV	312°, 26%, 100%
XYZ	75.4646, 64.0660, 92.3930
YIQ	214.7760, 22.3230, 30.4750

Conversions

Conversions Part 2

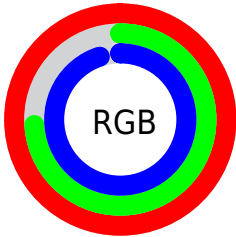
Format	Color
R _Y B	255, 189, 242
Decimal	16760306
CIE _{Lab}	84.00, 31.96, -16.93
CIE _{LCh}	84, 36.164, 332.082
Y _{xy}	64.0660, 0.3254, 0.2762
Android (android.graphics.Color)	4294950386 (0xFFFFBDF2)
YUV	214.7760, 13.4214, 35.2764
Hunter-Lab	80.0412, 28.2215, -12.4106

Details

The Hex color **FFBDF2** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BDFPCA**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFF6FF**, and **C687BA** is the 20% darker color. If you saturate the color by 10%, you get **FFA4ED**, and if you desaturate by 10%, it is **FFD7F7**.

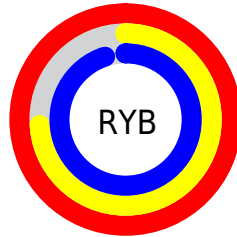
Distribution



Red (100%)

Green (74%)

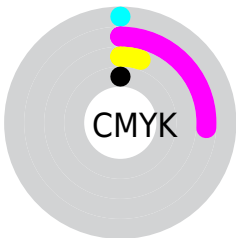
Blue (95%)



Red (100%)

Yellow (74%)

Blue (95%)

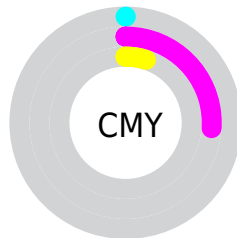


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color `FFBDF2` 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 `FFBDF2` by changing the saturation by 10% instead.

 #FFBDF2

#FFFFFF

 #FFF6FF

 #FFBDF2

 #E2A2D6

 #C687BA

 #AA6D9F


 #8F5485

 #743C6B

 #5B2453

 #420B3C

 #2B0026

 #08000F

 #FFBDF2

 #FFBDF2

 #FFA4ED

 #FFD7F7

 #FF8AE8

 #FFF0FC

 #FF71E3

#FFFFFF

 #FF57DE

 #FF3ED9

 #FF24D4

 #FF0BCF

 #FF00CD

Harmonies

Analogous

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



D9C8FF



FFBDF2



FFB8D0

Triad

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



FFBDF2



E7D08D



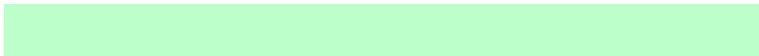
61E3F4

Complementary

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



FFBDF2



BDFPCA

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.



75E4D3



FFBDF2



C3DA97

Square

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



FFBDF2



FFC496



9BE1B1



77DEFF

Rectangle

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



FFBDF2



FFB9B9



9BE1B1



64E4EA

Sweetspot

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



FFBDF2



FFEFBF



C9BDFF



80737D



000000



808080

Same Dimension

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



FFBDF2



FFB0EF



FFBDD2



80737D



BF009A



400033

Inverse Universe

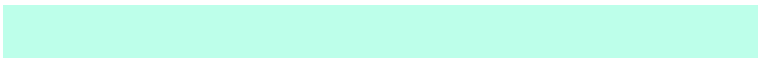
The Inverse Universe completely reimagines the original color for something new.



FFBDF2



FFB0EF



BDFFEA



80737D



BF009A



400033

Previews

White Background



This preview shows how the Hex color FFBDF2 looks on a white background.

Color Contrast Check

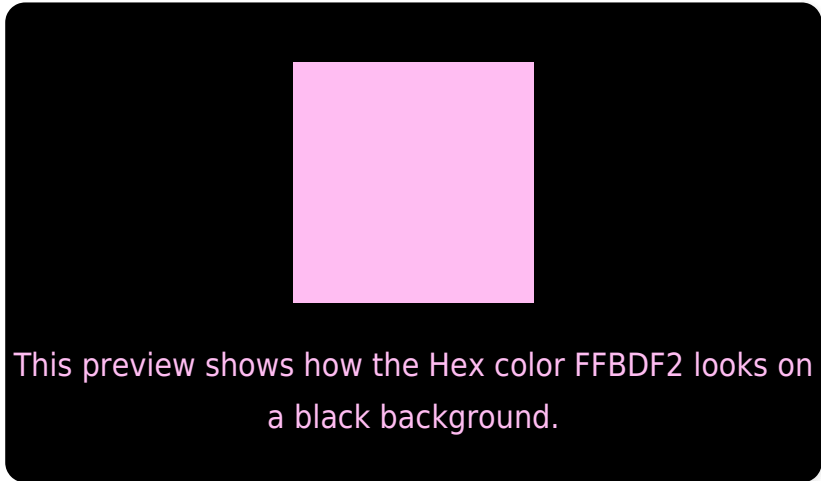
Large Text (above 18pt) WCAG AA × Fail

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 FFBDF2 Background



This preview shows how black text looks on a background with the Hex color FFBDF2.



This preview shows how white text looks on a background with the Hex color FFBDF2.

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
FBC3D2

Trichromacy



Original Color
FFBDF2



Protanomaly
DBC9FA



Deuteranomaly
E6C7F0

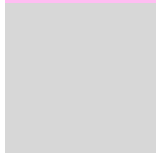


Tritanomaly
FCC1DE

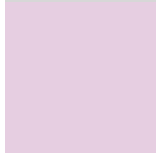
Monochromacy



Original Color
FFBDF2



Achromatopsia
D7D7D7



Achromatomaly
E6CEE1

CSS Examples

Text

The CSS property to change the color of the text to Hex FFBD2F 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 #FFBD2F looks like.

```
.text, #text, p{  
    color:#FFBD2F  
}
```

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 #FFBDF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBDF2
}
```

Border

The CSS property to change the border of an element to Hex FFBDF2 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
#FFBDF2 }
```

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

```
.border{ border-color:#FFBDF2 }
```

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

Here you see how a box with a 4 pixel #FFBDF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBDF2; -webkit-box-shadow:4px 4px  
4px 4px #FFBDF2; box-shadow:4px 4px 4px  
4px #FFBDF2 }
```

Background

The CSS property to change the background color of an element to Hex FFBDF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBDF2 }
```

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

```
.background{ background-color:#FFBDF2 }
```

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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