

# Converting Colors

Hex(F7D4FF)

Have a look what the booklet for  
Hex(F7D4FF) contains.

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# **Color**

**Hex(F7D4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D4FF
RGB	247, 212, 255
RGB Percent	97%, 83%, 100%
CMY	0.0314, 0.1686, 0.0000
CMYK	0.03, 0.17, 0.00, 0.00
HSL	289°, 100%, 92%
HSV	289°, 17%, 100%
XYZ	79.9513, 74.0811, 104.6929
YIQ	227.3670, 7.0570, 20.7930

# Conversions

## Conversions Part 2

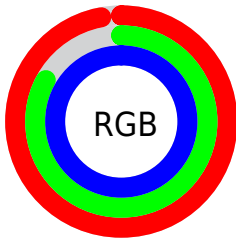
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 212, 255
Decimal	16241919
CIE <sub>Lab</sub>	88.96, 19.57, -16.43
CIE <sub>LCh</sub>	89, 25.557, 319.981
Yxy	74.0811, 0.3090, 0.2863
Android (android.graphics.Color)	4294431999 (0xFFFF7D4FF)
YUV	227.3670, 13.6231, 17.2181
Hunter-Lab	86.0704, 15.1864, -11.8690

# Details

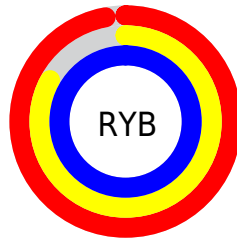
The Hex color **F7D4FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **DCFFD4**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **BE9DC6** is the 20% darker color. If you saturate the color by 10%, you get **F2BBFF**, and if you desaturate by 10%, it is **FCEEFF**.

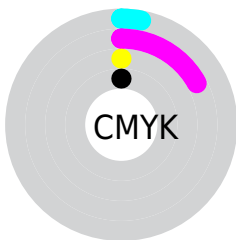
# Distribution



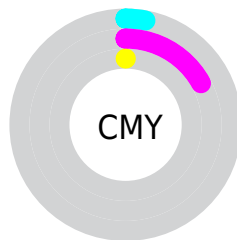
- Red (97%)
- Green (83%)
- Blue (100%)



- Red (97%)
- Yellow (83%)
- Blue (100%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7D4FF 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 F7D4FF by changing the saturation by 10% instead.



 F7D4FF

FFFFFF

 F7D4FF

 DAB8E2

 BE9DC6

 A383AB

 896A90

 6F5177

 563A5E

 3E2446

 280F30

 14001B

 F7D4FF

 F7D4FF

 F2BBFF

 FCEEFF

 EEA1FF

FFFFFF

 E988FF

 E46EFF

 DF55FF

 DB3BFF

 D621FF

 D108FF

 D000FF

# Harmonies

## Analogous

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



D9DCFF



F7D4FF



FFCFE9

# Triad

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



F7D4FF



FADBB0



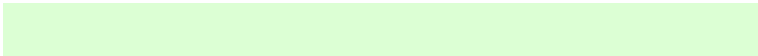
9DEDEF

# Complementary

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



F7D4FF



DCFFD4

# 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.



ABEDD6



F7D4FF



E1E3B1

# Square

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



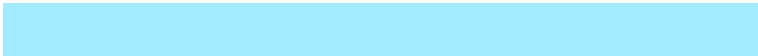
F7D4FF



FFD3BB



C5E9BF



A1EAFF

# Rectangle

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



F7D4FF



FFCED8



C5E9BF



A0EEE7



# Sweetspot

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



F7D4FF



FDF2FF



D4DDFF



7E7880



000000



808080



# Same Dimension

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



F7D4FF



F6CCFF



FFD4F2



7D7380



9C00BF



340040



# Inverse Universe

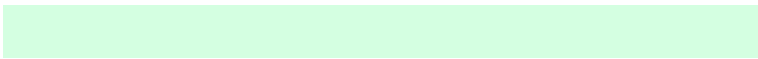
The Inverse Universe completely reimagines the original color for something new.



FFD4DC



FFCCD5



D4FFE1



807375



BF0024



40000C



# Previews

## White Background



This preview shows how the Hex color F7D4FF looks on a white background.

## Color Contrast Check

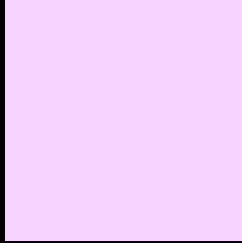
Large Text (above 18pt) WCAG AA × Fail

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 F7D4FF 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

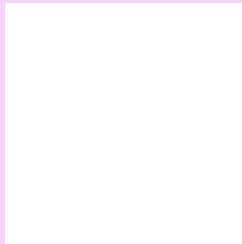
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F7D4FF Background



This preview shows how black text looks on a background with the Hex color F7D4FF.

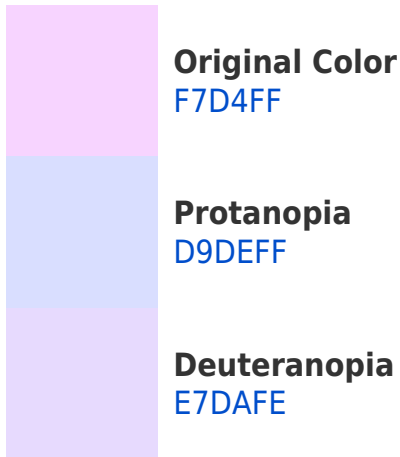


This preview shows how white text looks on a background with the Hex color F7D4FF.

# 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**  
F4D8E9

# Trichromacy



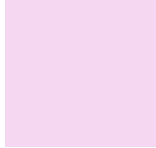
**Original Color**  
F7D4FF



**Protanomaly**  
E4DAFF



**Deuteranomaly**  
EDD8FE

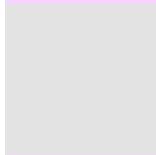


**Tritanomaly**  
F5D7F1

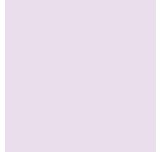
# Monochromacy



**Original Color**  
F7D4FF



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
EADEED

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7D4FF 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 #F7D4FF looks like.

```
.text, #text, p{  
    color:#F7D4FF  
}
```

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 #F7D4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7D4FF
}
```

## Border

The CSS property to change the border of an element to Hex F7D4FF 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
#F7D4FF }
```

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

```
.border{ border-color:#F7D4FF }
```

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

Here you see how a box with a 4 pixel #F7D4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7D4FF; -webkit-box-shadow:4px 4px  
4px 4px #F7D4FF; box-shadow:4px 4px 4px  
4px #F7D4FF }
```

# Background

The CSS property to change the background color of an element to Hex F7D4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7D4FF }
```

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

```
.background{ background-color:#F7D4FF }
```

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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