

# Converting Colors

Hex(F7E0FF)

Have a look what the booklet for  
Hex(F7E0FF) contains.

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# **Color**

**Hex(F7E0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E0FF
RGB	247, 224, 255
RGB Percent	97%, 88%, 100%
CMY	0.0314, 0.1216, 0.0000
CMYK	0.03, 0.12, 0.00, 0.00
HSL	285°, 100%, 94%
HSV	285°, 12%, 100%
XYZ	83.0634, 80.3055, 105.7303
YIQ	234.4110, 3.7570, 14.5170

# Conversions

## Conversions Part 2

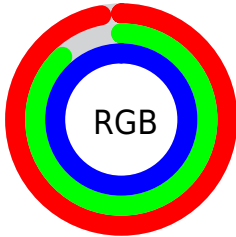
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 224, 255
Decimal	16244991
CIE Lab	91.82, 13.29, -12.15
CIE LCh	92, 18.005, 317.556
Yxy	80.3055, 0.3087, 0.2984
Android (android.graphics.Color)	4294435071 (0xFF7E0FF)
YUV	234.4110, 10.1504, 11.0406
Hunter-Lab	89.6133, 8.6300, -7.2240

# Details

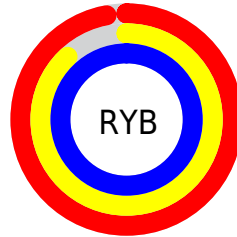
The Hex color **F7E0FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **E8FFE0**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **BFA9C6** is the 20% darker color. If you saturate the color by 10%, you get **F0C7FF**, and if you desaturate by 10%, it is **FEFAFF**.

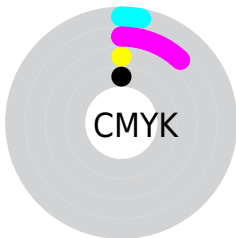
# Distribution



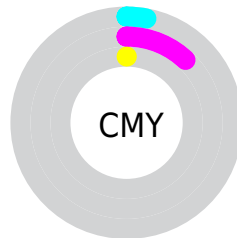
- Red (97%)
- Green (88%)
- Blue (100%)



- Red (97%)
- Yellow (88%)
- Blue (100%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7E0FF 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 F7E0FF by changing the saturation by 10% instead.



 F7E0FF

FFFFFF

 F7E0FF

 DAC4E2

 BFA9C6

 A38EAB

 897590

 6F5C77

 57445E

 3F2E46

 291930

 16001B

 F7E0FF

 F7E0FF

 F0C7FF

 FEFAFF

 EAADFF

FFFFFF

 E393FF

 DD7AFF

 D661FF

 D047FF

 C92EFF

 C214FF

 BD00FF

# Harmonies

## Analogous

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



E2E6FF



F7E0FF



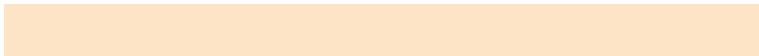
FFDCEF

# Triad

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



F7E0FF



FDE4C6



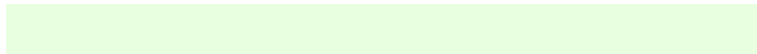
BBF2F1

# Complementary

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



F7E0FF



E8FFE0

# 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.



C5F1DF



F7E0FF



EBEAC7

# Square

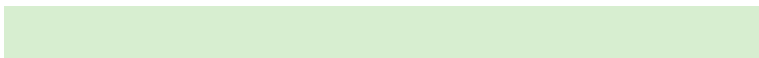
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F7E0FF



FFDFCF



D7EED0



BEFOFF

# Rectangle

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



F7E0FF



FFDCE4



D7EED0



BEF2EB



# Sweetspot

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



F7E0FF



FCF5FF



E0E8FF



7E7980



000000



808080



# Same Dimension

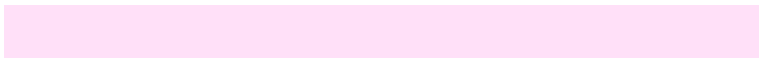
The Same Dimension uses a secret algorithm to generate beautiful new colors.



F7E0FF



F5D9FF



FFE0F8



7C7380



8E00BF



2F0040



# Inverse Universe

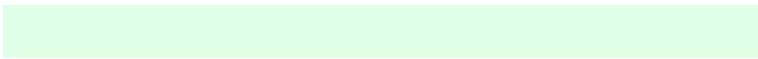
The Inverse Universe completely reimagines the original color for something new.



FFE0E8



FFD9E3



E0FFE7



807376



BF0031

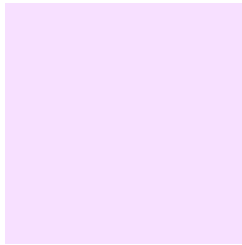


400010



# Previews

## White Background



This preview shows how the Hex color F7E0FF looks on a white background.

## Color Contrast Check

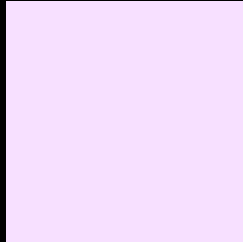
Large Text (above 18pt) WCAG AA × Fail

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 F7E0FF 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

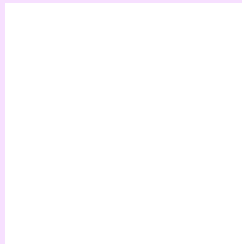
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F7E0FF Background



This preview shows how black text looks on a background with the Hex color F7E0FF.



This preview shows how white text looks on a background with the Hex color F7E0FF.

# 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**  
F5E2F4

# Trichromacy



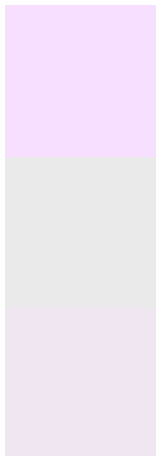
**Original Color**  
F7E0FF

**Protanomaly**  
EBE4FF

**Deuteranomaly**  
F4E1FF

**Tritanomaly**  
F6E1F8

# Monochromacy



**Original Color**  
F7E0FF

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
EFE6F2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7E0FF 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 #F7E0FF looks like.

```
.text, #text, p{  
    color:#F7E0FF  
}
```

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 #F7E0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7E0FF }  
}
```

## Border

The CSS property to change the border of an element to Hex F7E0FF 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 #F7E0FF }  
}
```

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

```
.border{ border-color:#F7E0FF }
```

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

Here you see how a box with a 4 pixel #F7E0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7E0FF; -webkit-box-shadow:4px 4px  
4px 4px #F7E0FF; box-shadow:4px 4px 4px  
4px #F7E0FF }
```

# Background

The CSS property to change the background color of an element to Hex F7E0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7E0FF }
```

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

```
.background{ background-color:#F7E0FF }
```

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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