

# Converting Colors

Hex(FFE6FF)

Have a look what the booklet for  
Hex(FFE6FF) contains.

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# **Color**

**Hex(FFE6FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE6FF
RGB	255, 230, 255
RGB Percent	100%, 90%, 100%
CMY	0.0000, 0.0980, 0.0000
CMYK	0.00, 0.10, 0.00, 0.00
HSL	300°, 100%, 95%
HSV	300°, 10%, 100%
XYZ	87.5868, 85.0736, 106.4123
YIQ	240.3250, 6.8750, 13.0750

# Conversions

## Conversions Part 2

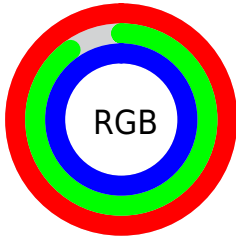
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 230, 255
Decimal	16770815
CIE <sub>Lab</sub>	93.91, 12.79, -8.97
CIE <sub>LCh</sub>	94, 15.620, 324.964
Yxy	85.0736, 0.3138, 0.3048
Android (android.graphics.Color)	4294960895 (0xFFFFE6FF)
YUV	240.3250, 7.2348, 12.8700
Hunter-Lab	92.2354, 8.0919, -3.8383

# Details

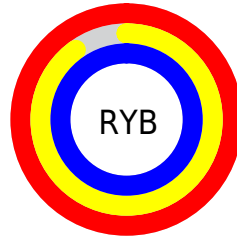
The Hex color `FFE6FF` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `E6FFE6`, and the grayscale version is `F0F0F0`.

A 20% lighter version of the original color is `FFFFFF`, and `C6AEC6` is the 20% darker color. If you saturate the color by 10%, you get `FFCDFF`, and if you desaturate by 10%, it is `FFFFFF`.

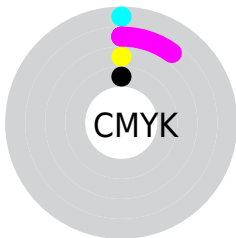
# Distribution



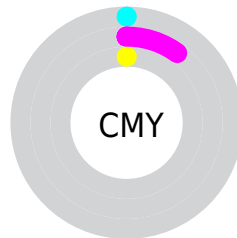
- Red (100%)
- Green (90%)
- Blue (100%)



- Red (100%)
- Yellow (90%)
- Blue (100%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFE6FF 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 FFE6FF by changing the saturation by 10% instead.



 FFE6FF

 FFE6FF

FFFFFF

 E2CAE2

 C6AEC6

 AB94AB

 907A90

 766177

 5E495E

 463346

 2F1D30

 1C051B

 FFE6FF

 FFE6FF

 FFCDFD

FFFFFF

 FFB3FF

 FF9AFF

 FF80FF

 FF67FF

 FF4DFF

 FF34FF

 FF1AFF

 FF01FF

# Harmonies

## Analogous

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



EDEBFF



FFE6FF



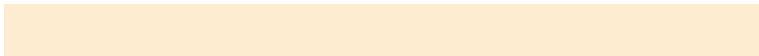
FFE3F1

# Triad

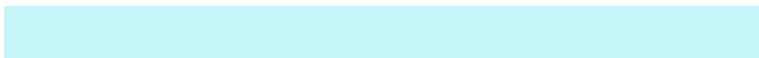
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FFE6FF



FDECD0



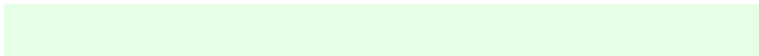
C7F6FA

# Complementary

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



FFE6FF



E6FFE6

# 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.



CDF6EA



FFE6FF



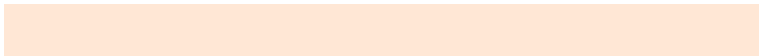
ECF0D2

# Square

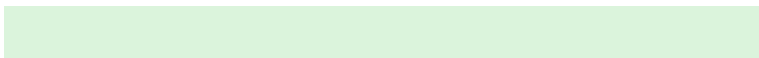
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFE6FF



FFE7D5



DBF4DC



CCF4FF

# Rectangle

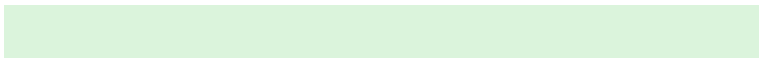
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE6FF



FFE3E6



DBF4DC



C8F6F5



# Sweetspot

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



FFE6FF



FFF7FF



E6E6FF



807A80



000000



808080



# Same Dimension

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



FFE6FF



FFE0FF



FFE6F3



807380



BF00BF



400040



# Inverse Universe

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



FFE6FF



FFE0FF



E6FFF3



807380



BF00BF



400040



# Previews

## White Background



This preview shows how the Hex color FFE6FF looks on a white background.

## Color Contrast Check

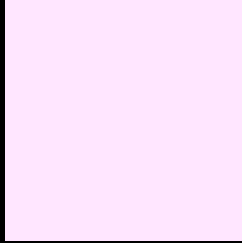
Large Text (above 18pt) WCAG AA × Fail

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 FFE6FF 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

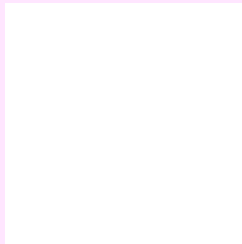
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FFE6FF Background



This preview shows how black text looks on a background with the Hex color FFE6FF.





This preview shows how white text looks on a background with the Hex color FFE6FF.

# 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

	<b>Original Color</b> FFE6FF
	<b>Protanopia</b> ECECFF
	<b>Deuteranopia</b> FDE7FF



**Tritanopia**  
FEE7F9

# Trichromacy



**Original Color**  
FFE6FF



**Protanomaly**  
F3EAFF



**Deuteranomaly**  
FEE7FF

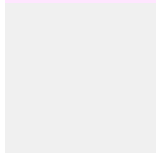


**Tritanomaly**  
FEE7FB

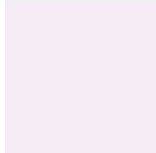
# Monochromacy



**Original Color**  
FFE6FF



**Achromatopsia**  
F0F0F0



**Achromatomaly**  
F5ECF5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFE6FF 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 #FFE6FF looks like.

```
.text, #text, p{  
    color:#FFE6FF  
}
```

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 #FFE6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE6FF }  
}
```

## Border

The CSS property to change the border of an element to Hex FFE6FF 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 #FFE6FF }  
}
```

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

```
.border{ border-color:#FFE6FF }
```

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

Here you see how a box with a 4 pixel #FFE6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE6FF; -webkit-box-shadow:4px 4px  
4px 4px #FFE6FF; box-shadow:4px 4px 4px  
4px #FFE6FF }
```

# Background

The CSS property to change the background color of an element to Hex FFE6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE6FF }
```

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

```
.background{ background-color:#FFE6FF }
```

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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