

Converting Colors

Hex(FFDEFF)

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

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Color

Hex(FFDEFF)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEFF
RGB	255, 222, 255
RGB Percent	100%, 87%, 100%
CMY	0.0000, 0.1294, 0.0000
CMYK	0.00, 0.13, 0.00, 0.00
HSL	300°, 100%, 94%
HSV	300°, 13%, 100%
XYZ	85.4113, 80.7226, 105.6871
YIQ	235.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 222, 255
Decimal	16768767
CIE _{Lab}	92.01, 16.95, -11.80
CIE _{LCh}	92, 20.651, 325.143
Yxy	80.7226, 0.3142, 0.2970
Android (android.graphics.Color)	4294958847 (0xFFFFDEFF)
YUV	235.6290, 9.5499, 16.9884
Hunter-Lab	89.8457, 12.4599, -6.8518

Details

The Hex color `FFDEFF` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `DEFFDE`, and the grayscale version is `ECECEC`.

A 20% lighter version of the original color is `FFFFFF`, and `C6A7C6` is the 20% darker color. If you saturate the color by 10%, you get `FFC5FF`, and if you desaturate by 10%, it is `FFF8FF`.

Distribution



- Red (100%)
- Green (87%)
- Blue (100%)



- Red (100%)
- Yellow (87%)
- Blue (100%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 FFDEFF

FFFFFF

 FFDEFF

 E2C2E2

 C6A7C6

 AB8CAB

 907390

 765A77

 5D425E

 452C46

 2F1730

 1C001B

 FFDEFF

 FFDEFF

 FFC5FF

 FFF8FF

 FFABFF

 FFFFFFFF

 FF92FF

 FF78FF

 FF5FFF

 FF45FF

 FF2CFF

 FF12FF

 FF00FF

Harmonies

Analogous

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



E8E4FF



FFDEFF



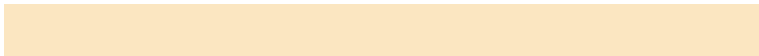
FFDBEC

Triad

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



FFDEFF



FBE6C1



B4F3F8

Complementary

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



FFDEFF



DEFFDE

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.



BCF4E4



FFDEFF



E6ECC4

Square

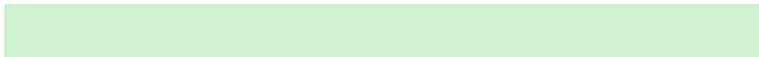
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFDEFF



FFDFC8



CFF1D1



BAF0FF

Rectangle

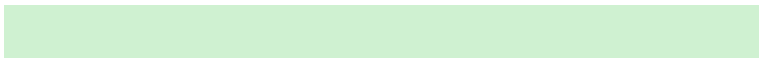
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFDEFF



FFDADF



CFF1D1



B5F4F2

Sweetspot

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



FFDEFF



FFF5FF



DEDEFF



807980



000000



808080

Same Dimension

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



FFDEFF



FFD6FF



FFDEEF



807380



BF00BF



400040

Inverse Universe

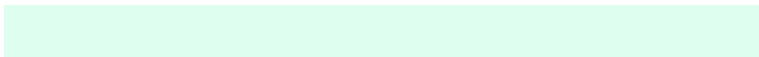
The Inverse Universe completely reimagines the original color for something new.



FFDEFF



FFD6FF



DEFFEF



807380



BF00BF



400040

Previews

White Background



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

Color Contrast Check

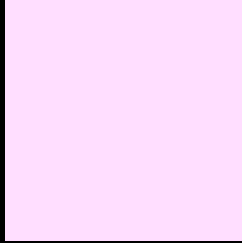
Large Text (above 18pt) WCAG AA × Fail

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 FFDEFF 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

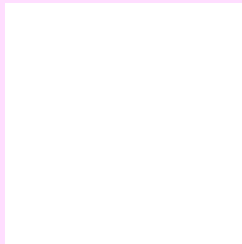
Any Text WCAG AAA ✓ Pass

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

Hex FFDEFF Background



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




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

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

	Original Color FFDEFF
	Protanopia E5E7FF
	Deuteranopia F5E2FE



Tritanopia
FDE0F2

Trichromacy



Original Color
FFDEFF



Protanomaly
EEE4FF



Deuteranomaly
F9E1FE

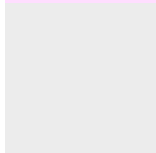


Tritanomaly
FEDFF7

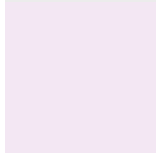
Monochromacy



Original Color
FFDEFF



Achromatopsia
ECECEC



Achromatomaly
F3E7F3

CSS Examples

Text

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

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

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 #FFDEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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