

Converting Colors

Hex(D7F4FF)

Have a look what the booklet for
Hex(D7F4FF) contains.

Hex(D7F4FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D7F4FF)

Conversions

Conversions Part 1

Format	Color
Hex	D7F4FF
RGB	215, 244, 255
RGB Percent	84%, 96%, 100%
CMY	0.1569, 0.0431, 0.0000
CMYK	0.16, 0.04, 0.00, 0.00
HSL	196°, 100%, 92%
HSV	196°, 16%, 100%
XYZ	78.4250, 86.3684, 107.1451
YIQ	236.5830, -20.8150, -2.7270

Conversions

Conversions Part 2

Format	Color
R _Y B	215, 232, 255
Decimal	14152959
CIE Lab	94.47, -7.20, -8.47
CIE LCh	94, 11.110, 229.635
Yxy	86.3684, 0.2884, 0.3176
Android (android.graphics.Color)	4292343039 (0xFFD7F4FF)
YUV	236.5830, 9.0796, -18.9283
Hunter-Lab	92.9346, -12.0043, -3.3017

Details

The Hex color **D7F4FF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFE2D7**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **A0BCC6** is the 20% darker color. If you saturate the color by 10%, you get **BEEDFF**, and if you desaturate by 10%, it is **F1FBFF**.

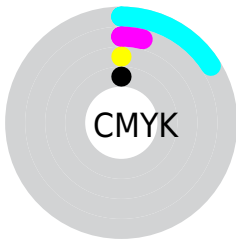
Distribution



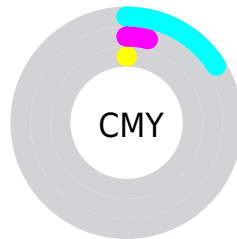
- Red (84%)
- Green (96%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7F4FF 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 D7F4FF by changing the saturation by 10% instead.

 D7F4FF

FFFFFF

 D7F4FF

 BBD8E2

 A0BCC6

 85A1AB

 6C8791

 536D77

 3B555E

 243E47

 0D2830

 00141B

 D7F4FF

 D7F4FF

 BEEDFF

 F1FBFF

 A4E6FF

FFFFFF

 8BDFFF

 71D8FF

 58D1FF

 3ECAFF

 24C3FF

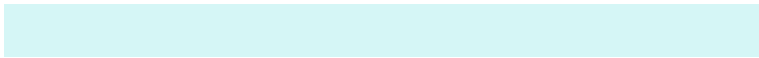
 0BBCFF

 00B9FF

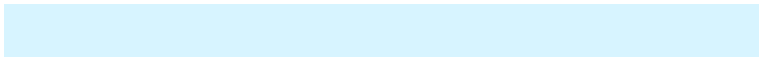
Harmonies

Analogous

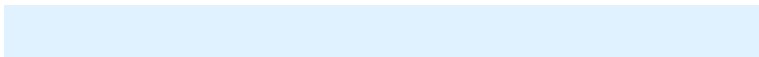
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D5F6F6



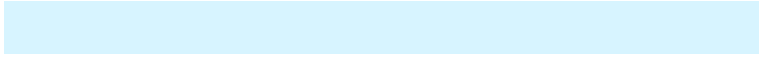
D7F4FF



E0F1FF

Triad

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



D7F4FF



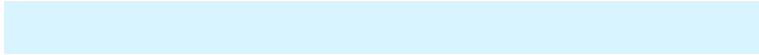
FFE8F3



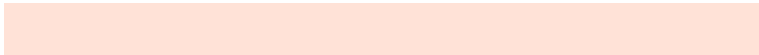
F0F1DB

Complementary

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



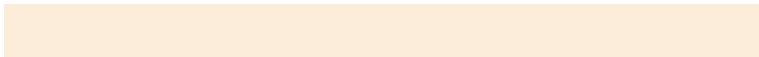
D7F4FF



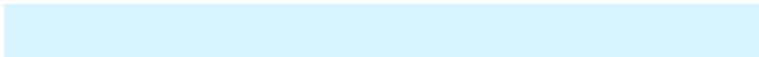
FFE2D7

Split Complementary

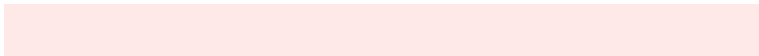
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FCEDDA



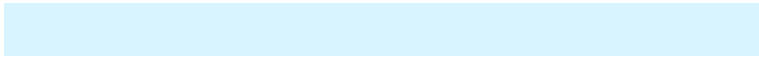
D7F4FF



FFE8E8

Square

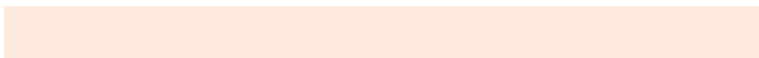
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7F4FF



FAEAFD



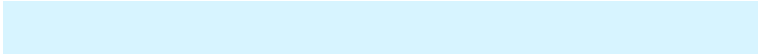
FFEADF



E4F4E1

Rectangle

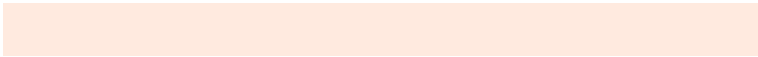
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7F4FF



E8EFFF



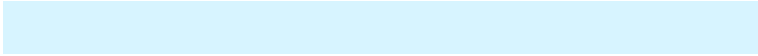
FFEADF



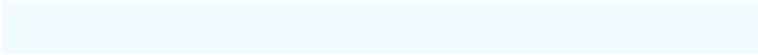
F5EFDA

Sweetspot

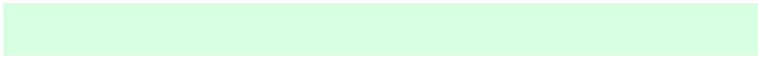
The Sweet Spot groups the original color and five complimentary colors.



D7F4FF



F2FBFF



D7FFE2



787D80



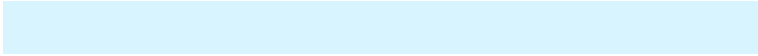
000000



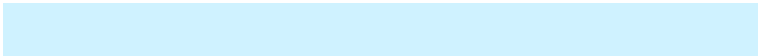
808080

Same Dimension

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



D7F4FF



CFF2FF



D7E0FF



737C80



008BBF



002E40

Inverse Universe

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



FFD7F4



FFCFF2



FFF6D7



80737C



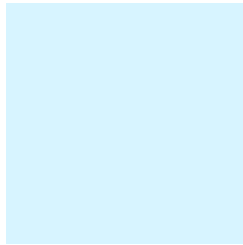
BF008B



40002E

Previews

White Background



This preview shows how the Hex color D7F4FF looks on a white background.

Color Contrast Check

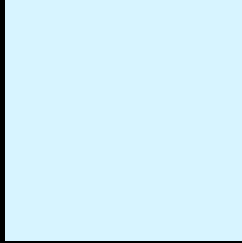
Large Text (above 18pt) WCAG AA × Fail

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 D7F4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

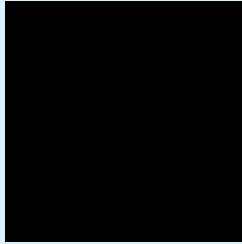
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

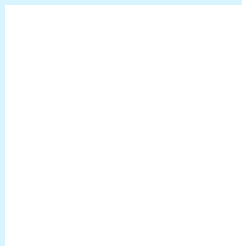
Any Text WCAG AAA ✓ Pass

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

Hex D7F4FF Background



This preview shows how black text looks on a background with the Hex color D7F4FF.

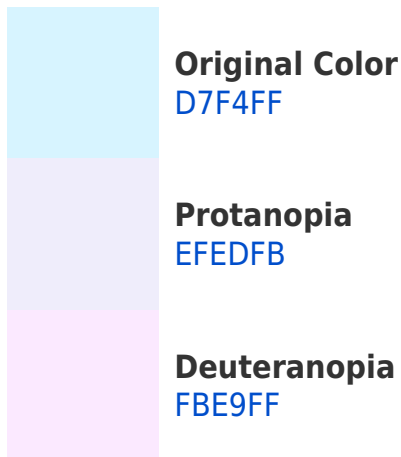


This preview shows how white text looks on a background with the Hex color D7F4FF.

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](#).

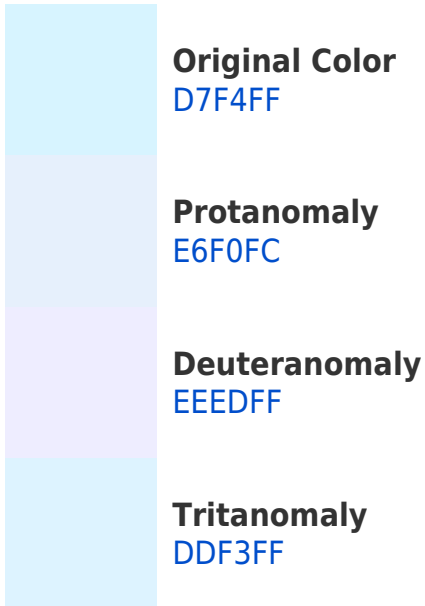
Dichromacy



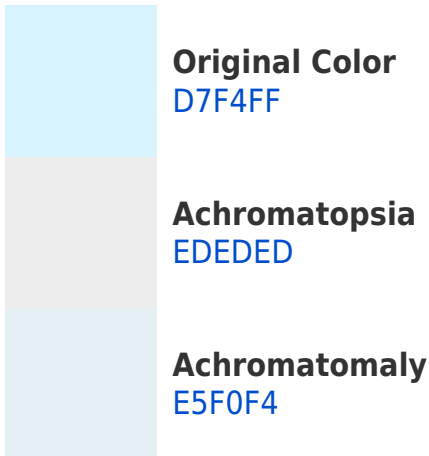


Tritanopia
E0F2FF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7F4FF 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 #D7F4FF looks like.

```
.text, #text, p{  
    color:#D7F4FF  
}
```

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 #D7F4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7F4FF }  
}
```

Border

The CSS property to change the border of an element to Hex D7F4FF 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 #D7F4FF }  
}
```

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

```
.border{ border-color:#D7F4FF }
```

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

Here you see how a box with a 4 pixel #D7F4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7F4FF; -webkit-box-shadow:4px 4px  
4px 4px #D7F4FF; box-shadow:4px 4px 4px  
4px #D7F4FF }
```

Background

The CSS property to change the background color of an element to Hex D7F4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7F4FF }
```

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

```
.background{ background-color:#D7F4FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor