

Converting Colors

Hex(D7EFF4)

Have a look what the booklet for
Hex(D7EFF4) contains.

Hex(D7EFF4)	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(D7EFF4)

Conversions

Conversions Part 1

Format	Color
Hex	D7EFF4
RGB	215, 239, 244
RGB Percent	84%, 94%, 96%
CMY	0.1569, 0.0627, 0.0431
CMYK	0.12, 0.02, 0.00, 0.04
HSL	190°, 57%, 90%
HSV	190°, 12%, 96%
XYZ	75.2200, 82.7117, 97.5884
YIQ	232.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

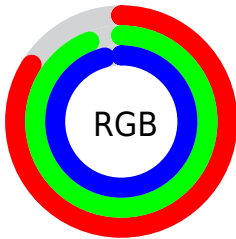
Format	Color
R _Y B	215, 228, 244
Decimal	14151668
CIE Lab	92.89, -6.86, -5.09
CIE LCh	93, 8.540, 216.605
Yxy	82.7117, 0.2944, 0.3237
Android (android.graphics.Color)	4292341748 (0xFFD7EFF4)
YUV	232.3940, 5.7218, -15.2545
Hunter-Lab	90.9460, -11.5210, 0.0418

Details

The Hex color **D7EFF4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F4DCD7**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B7BC** is the 20% darker color. If you saturate the color by 10%, you get **BFEBF4**, and if you desaturate by 10%, it is **EFF3F4**.

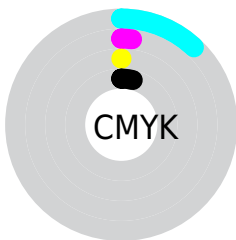
Distribution



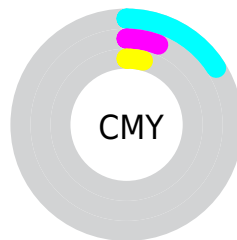
- Red (84%)
- Green (94%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7EFF4 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 D7EFF4 by changing the saturation by 10% instead.

 D7EFF4

FFFFFF

 D7EFF4

 BBD3D8

 A0B7BC

 869CA1

 6C8287

 54696D

 3C5155

 263A3E

 102428

 000F14

 D7EFF4

 D7EFF4

 BFEBF4

 EFF3F4

 A6E7F4

 FFF7F4

 8EE2F4

 FFFCF4

 75DEF4

 FFFFF4

 5DDAF4

 45D6F4

 2CD2F4

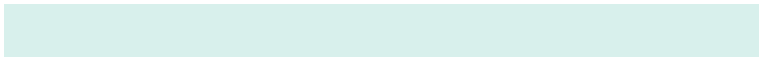
 14CDF4

 00CAF4

Harmonies

Analogous

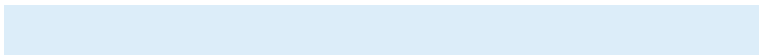
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D8F0EC



D7EFF4



DCEDF9

Triad

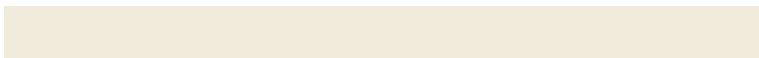
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7EFF4



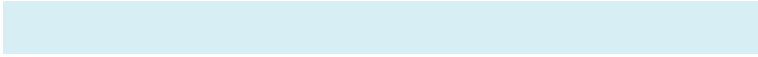
F7E6F1



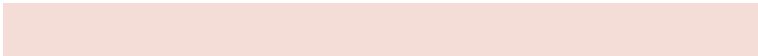
FOEBDA

Complementary

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



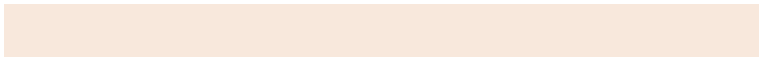
D7EFF4



F4DCD7

Split Complementary

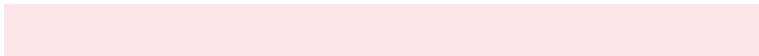
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F8E8DC



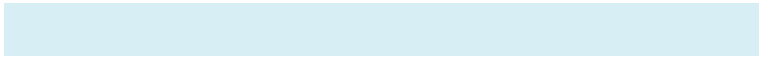
D7EFF4



FCE5E9

Square

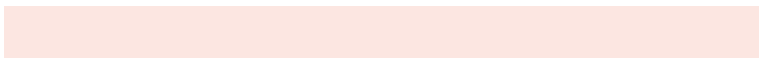
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7EFF4



EFE8F8



FCE6E1



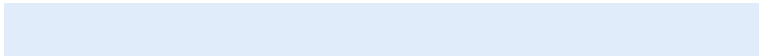
E6EDDD

Rectangle

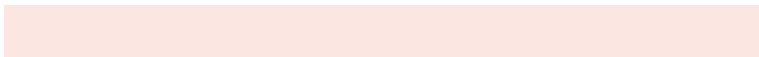
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



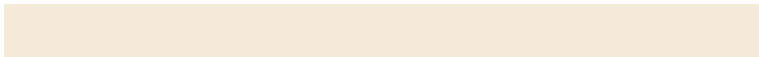
D7EFF4



E1ECFB



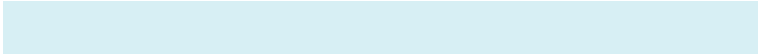
FCE6E1



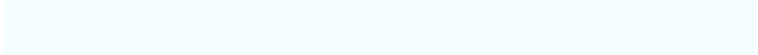
F3EADA

Sweetspot

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



D7EFF4



F5DFF



D7F4DC



797E80



000000



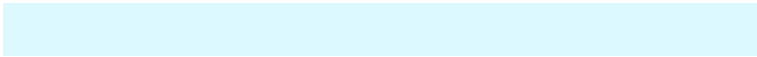
808080

Same Dimension

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



D7EFF4



DBF9FF



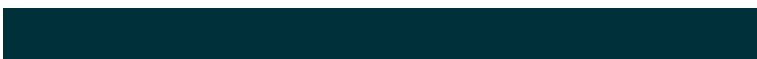
D7E1F4



6E787A



009ABA



00313B

Inverse Universe

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



F4D7EF



FFDBF9



F4EAD7



7A6E78



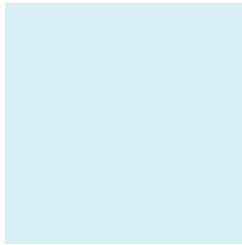
BA009A



3B0031

Previews

White Background



This preview shows how the Hex color D7EFF4 looks on a white background.

Color Contrast Check

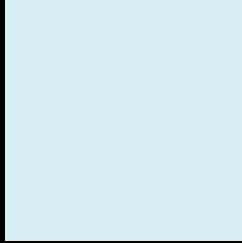
Large Text (above 18pt) WCAG AA × Fail

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 D7EFF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

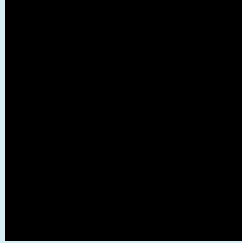
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

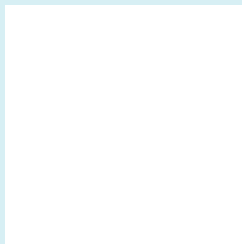
Any Text WCAG AAA ✓ Pass

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

Hex D7EFF4 Background



This preview shows how black text looks on a background with the Hex color D7EFF4.

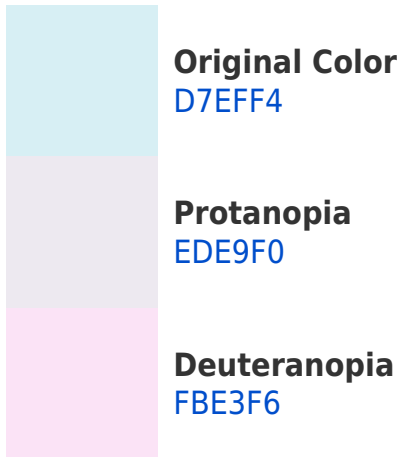


This preview shows how white text looks on a background with the Hex color D7EFF4.

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](#).

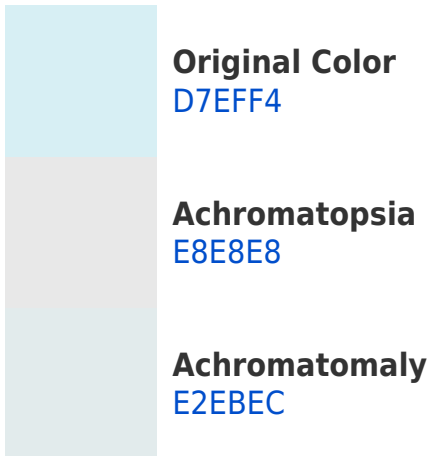
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7EFF4 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 #D7EFF4 looks like.

```
.text, #text, p{  
    color:#D7EFF4  
}
```

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 #D7EFF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7EFF4  
}
```

Border

The CSS property to change the border of an element to Hex D7EFF4 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  
#D7EFF4 }
```

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

```
.border{ border-color:#D7EFF4 }
```

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

Here you see how a box with a 4 pixel #D7EFF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7EFF4; -webkit-box-shadow:4px 4px  
4px 4px #D7EFF4; box-shadow:4px 4px 4px  
4px #D7EFF4 }
```

Background

The CSS property to change the background color of an element to Hex D7EFF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7EFF4 }
```

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

```
.background{ background-color:#D7EFF4 }
```

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