

# Converting Colors

Hex(D2FAE7)

Have a look what the booklet for  
Hex(D2FAE7) contains.

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# **Color**

**Hex(D2FAE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2FAE7
RGB	210, 250, 231
RGB Percent	82%, 98%, 91%
CMY	0.1765, 0.0196, 0.0941
CMYK	0.16, 0.00, 0.08, 0.02
HSL	152°, 80%, 90%
HSV	152°, 16%, 98%
XYZ	75.1878, 87.8424, 88.5938
YIQ	235.8740, -17.7410, -14.3890

# Conversions

## Conversions Part 2

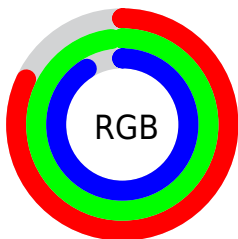
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 236, 250
Decimal	13826791
CIE <sub>Lab</sub>	95.09, -16.43, 4.83
CIE <sub>LCh</sub>	95, 17.127, 163.627
Yxy	87.8424, 0.2988, 0.3491
Android (android.graphics.Color)	4292016871 (0xFFD2FAE7)
YUV	235.8740, -2.4029, -22.6915
Hunter-Lab	93.7243, -20.8207, 9.5625

# Details

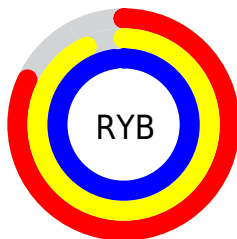
The Hex color **D2FAE7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FAD2E5**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFFF**, and **9BC1AF** is the 20% darker color. If you saturate the color by 10%, you get **B9FADB**, and if you desaturate by 10%, it is **EBFAF3**.

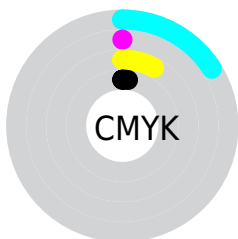
# Distribution



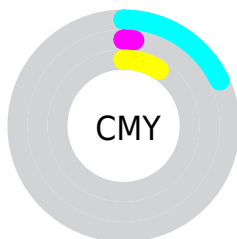
- Red (82%)
- Green (98%)
- Blue (91%)



- Red (82%)
- Yellow (93%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2FAE7 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 D2FAE7 by changing the saturation by 10% instead.



 D2FAE7

FFFFFF

 D2FAE7

 B6DDCB

 9BC1AF

 81A695

 678C7B

 4F7262

 375A4A

 204234

 092C1F

 001806

 D2FAE7

 D2FAE7

 B9FADB

 EBFAF3

 A0FACF

 FFFAFF

 87FAC3

 6EFAB8

 55FAAC

 3CFAA0

 23FA94

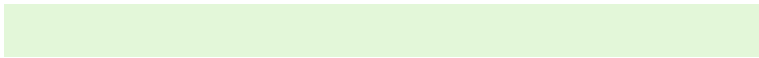
 0AFA88

 00FA83

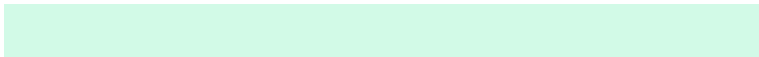
# Harmonies

## Analogous

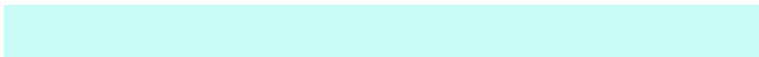
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E3F7D9



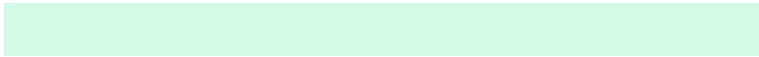
D2FAE7



C8FBF8

# Triad

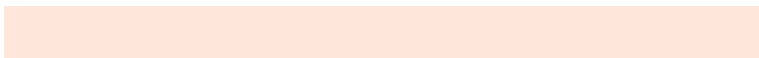
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D2FAE7



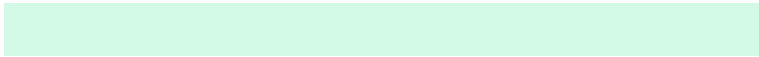
E9F0FF



FFE8DB

# Complementary

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



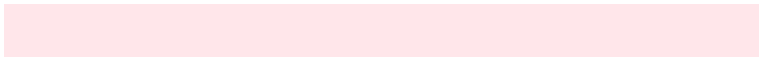
D2FAE7



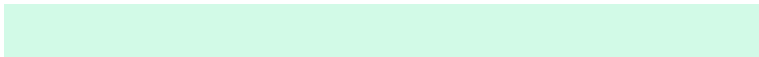
FAD2E5

# 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.



FFE6EA



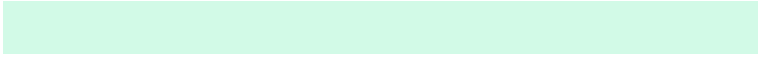
D2FAE7



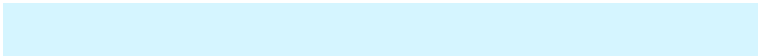
FDEAFF

# Square

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



D2FAE7



D5F5FF



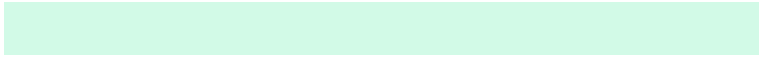
FFE7FB



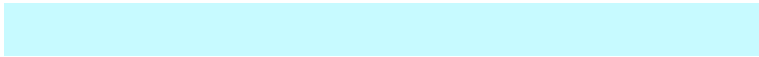
FFEDD2

# Rectangle

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



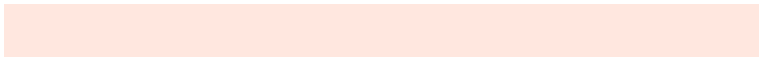
D2FAE7



C7FAFF



FFE7FB

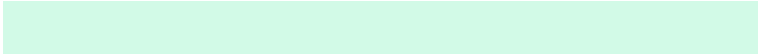


FFE7DF

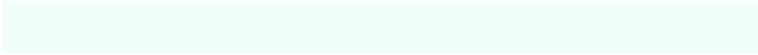


# Sweetspot

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



D2FAE7



F2FFF9



E5FAD2



78807C



000000



808080

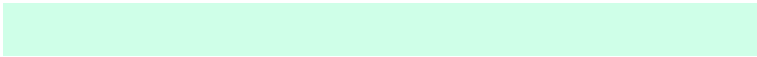


# Same Dimension

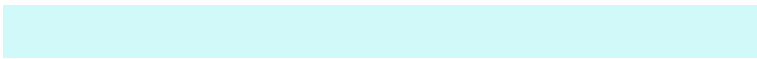
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D2FAE7



CFFFE8



D2F9FA



707D77



00BD63



003D20



# Inverse Universe

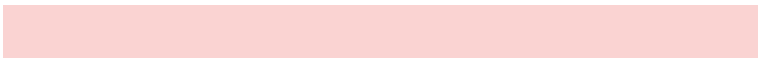
The Inverse Universe completely reimagines the original color for something new.



FAD2E5



FFCFE6



FAD3D2



7D7076



BD005A

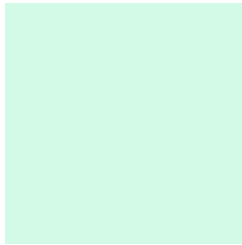


3D001D



# Previews

## White Background



This preview shows how the Hex color D2FAE7 looks on a white background.

## Color Contrast Check

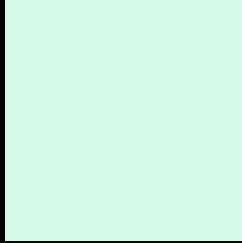
Large Text (above 18pt) WCAG AA × Fail

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 D2FAE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

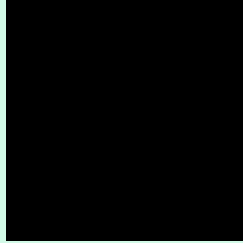
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

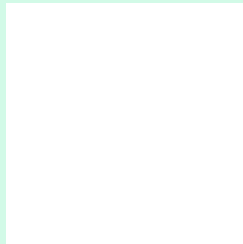
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D2FAE7 Background



This preview shows how black text looks on a background with the Hex color D2FAE7.

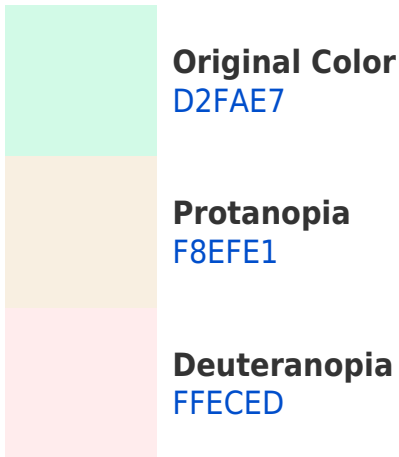


This preview shows how white text looks on a background with the Hex color D2FAE7.

# 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



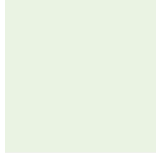


**Tritanopia**  
E2F3FF

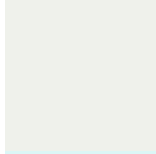
# Trichromacy



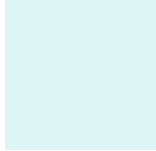
**Original Color**  
D2FAE7



**Protanomaly**  
EAF3E3



**Deuteranomaly**  
EFF1EB

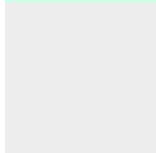


**Tritanomaly**  
DCF6F6

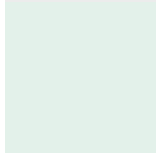
# Monochromacy



**Original Color**  
D2FAE7



**Achromatopsia**  
ECECEC



**Achromatomaly**  
E3F1EA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2FAE7 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 #D2FAE7 looks like.

```
.text, #text, p{  
    color:#D2FAE7  
}
```

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 #D2FAE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2FAE7
}
```

## Border

The CSS property to change the border of an element to Hex D2FAE7 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
#D2FAE7 }
```

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

```
.border{ border-color:#D2FAE7 }
```

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

Here you see how a box with a 4 pixel #D2FAE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2FAE7; -webkit-box-shadow:4px 4px  
4px 4px #D2FAE7; box-shadow:4px 4px 4px  
4px #D2FAE7 }
```

# Background

The CSS property to change the background color of an element to Hex D2FAE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2FAE7 }
```

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

```
.background{ background-color:#D2FAE7 }
```

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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