

# Converting Colors

Hex(D8FED7)

Have a look what the booklet for  
Hex(D8FED7) contains.

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# **Color**

**Hex(D8FED7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8FED7
RGB	216, 254, 215
RGB Percent	85%, 100%, 84%
CMY	0.1529, 0.0039, 0.1569
CMYK	0.15, 0.00, 0.15, 0.00
HSL	118°, 95%, 92%
HSV	118°, 15%, 100%
XYZ	76.0265, 90.3888, 77.7298
YIQ	238.1920, -10.1290, -20.1850

# Conversions

## Conversions Part 2

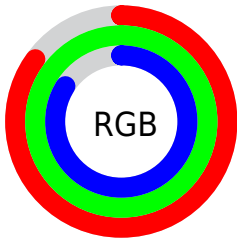
<b>Format</b>	<b>Color</b>
<b>RYB</b>	215, 254, 253
Decimal	14221015
CIELab	96.16, -19.30, 14.63
CIElCh	96, 24.220, 142.844
Yxy	90.3888, 0.3114, 0.3702
Android (android.graphics.Color)	4292411095 (0xFFD8FED7)
YUV	238.1920, -11.4337, -19.4624
Hunter-Lab	95.0730, -23.6379, 18.0769

# Details

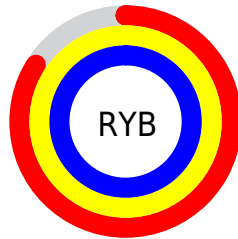
The Hex color **D8FED7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FDD7FE**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFF**, and **A1C5A0** is the 20% darker color. If you saturate the color by 10%, you get **BFFEFE**, and if you desaturate by 10%, it is **F1FEF0**.

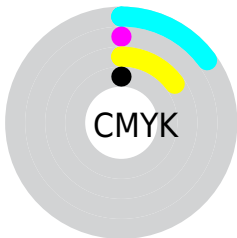
# Distribution



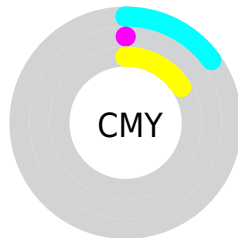
- Red (85%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8FED7 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 D8FED7 by changing the saturation by 10% instead.



 D8FED7

FFFFFF

 D8FED7

 BCE1BB

 A1C5A0

 86AA86

 6D8F6D

 547654

 3C5D3D

 254527

 0E2E12

 001B00

 D8FED7

 D8FED7

 BFFEBE

 F1FEF0

 A7FEA4

FFFEFF

 8EFE8B

 75FE71

 5CFE58

 44FE3F

 2BFE25

 12FE0C

 07FE00

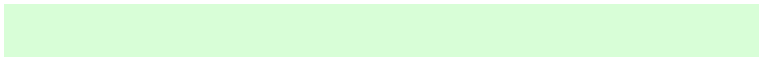
# Harmonies

## Analogous

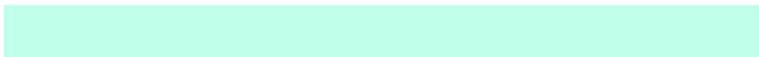
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F3F8C8



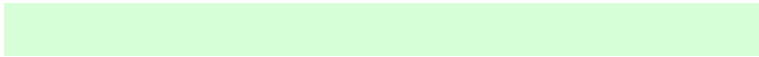
D8FED7



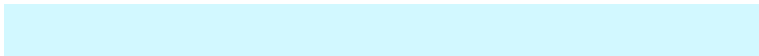
C1FFED

# Triad

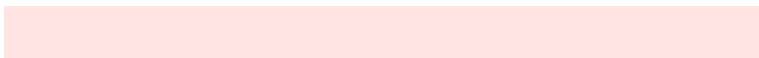
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D8FED7



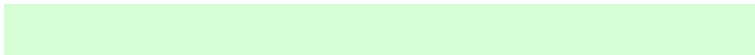
D2F8FF



FFE4E3

# Complementary

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



D8FED7



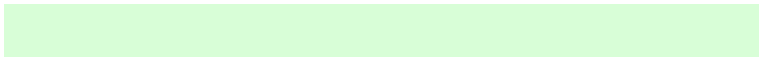
FDD7FE

# 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.



FFE4FB



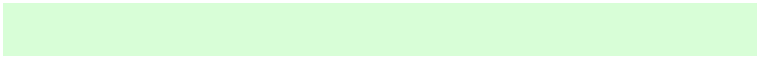
D8FED7



F1F0FF

# Square

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



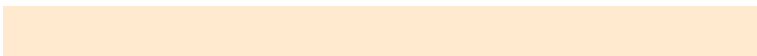
D8FED7



BBFEFF



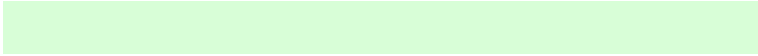
FFE8FF



FFE9CF

# Rectangle

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



D8FED7



B7FFFD



FFE8FF

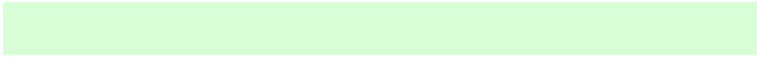


FFE4EA



# Sweetspot

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



D8FED7



F3FFF2



FEFDD7



788078



000000

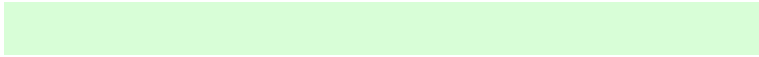


808080

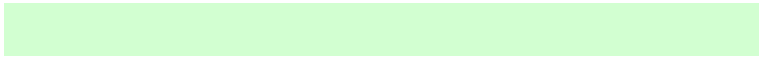


# Same Dimension

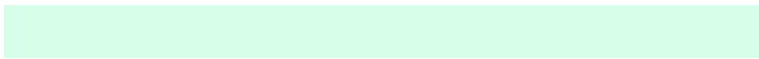
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D8FED7



D2FFD1



D7FEE9



738073



05BF00



024000



# Inverse Universe

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



FDD7FE



FED1FF



FED7EC



7F7380



BA00BF

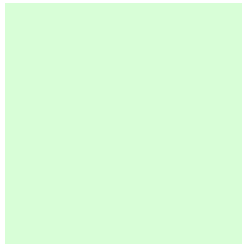


3E0040



# Previews

## White Background



This preview shows how the Hex color D8FED7 looks on a white background.

## Color Contrast Check

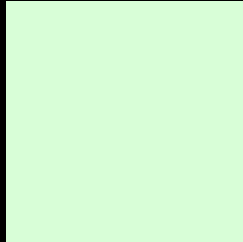
Large Text (above 18pt) WCAG AA × Fail

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 D8FED7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

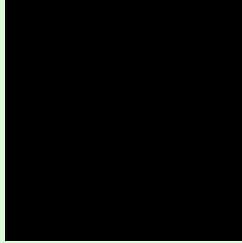
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

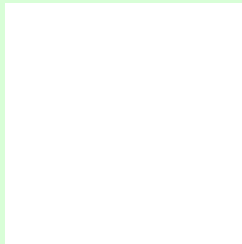
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8FED7 Background



This preview shows how black text looks on a background with the Hex color D8FED7.

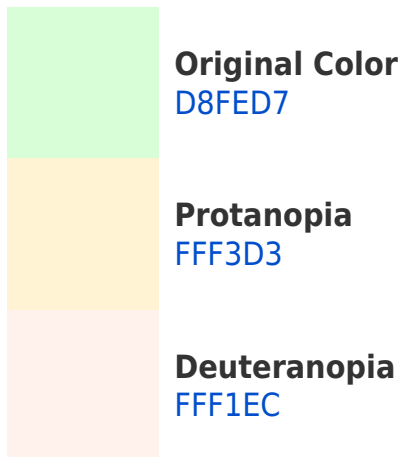


This preview shows how white text looks on a background with the Hex color D8FED7.

# 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



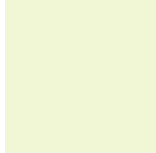


**Tritanopia**  
EAF5FF

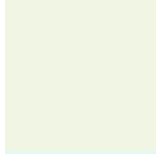
# Trichromacy



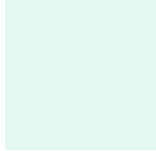
**Original Color**  
D8FED7



**Protanomaly**  
F1F7D4

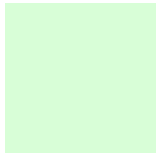


**Deuteranomaly**  
F1F6E4

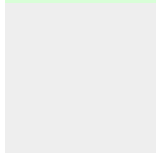


**Tritanomaly**  
E3F8F0

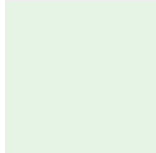
# Monochromacy



**Original Color**  
D8FED7



**Achromatopsia**  
EEEEEE



**Achromatomaly**  
E6F4E6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8FED7 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 #D8FED7 looks like.

```
.text, #text, p{  
    color:#D8FED7  
}
```

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 #D8FED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8FED7
}
```

## Border

The CSS property to change the border of an element to Hex D8FED7 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
#D8FED7 }
```

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

```
.border{ border-color:#D8FED7 }
```

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

Here you see how a box with a 4 pixel #D8FED7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8FED7; -webkit-box-shadow:4px 4px  
4px 4px #D8FED7; box-shadow:4px 4px 4px  
4px #D8FED7 }
```

# Background

The CSS property to change the background color of an element to Hex D8FED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8FED7 }
```

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

```
.background{ background-color:#D8FED7 }
```

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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