

# Converting Colors

Hex(D7FEB5)

Have a look what the booklet for  
Hex(D7FEB5) contains.

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# **Color**

**Hex(D7FEB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7FEB5
RGB	215, 254, 181
RGB Percent	84%, 100%, 71%
CMY	0.1569, 0.0039, 0.2902
CMYK	0.15, 0.00, 0.29, 0.00
HSL	92°, 97%, 85%
HSV	92°, 29%, 100%
XYZ	71.8066, 88.6669, 57.0459
YIQ	234.0170, 0.1890, -30.9710

# Conversions

## Conversions Part 2

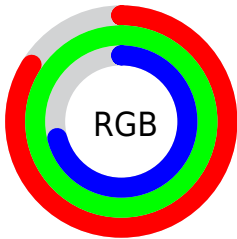
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 254, 220
Decimal	14155445
CIELab	95.44, -24.96, 30.91
CIELCh	95, 39.730, 128.928
Yxy	88.6669, 0.3301, 0.4076
Android (android.graphics.Color)	4292345525 (0xFFD7FEB5)
YUV	234.0170, -26.1374, -16.6779
Hunter-Lab	94.1631, -28.6654, 29.9951

# Details

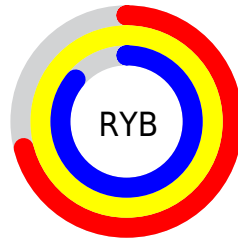
The Hex color **D7FEB5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DCB5FE**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFED**, and **9FC580** is the 20% darker color. If you saturate the color by 10%, you get **C9FE9C**, and if you desaturate by 10%, it is **E5FECE**.

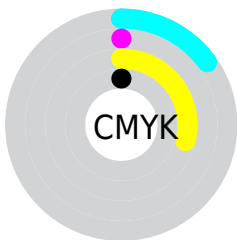
# Distribution



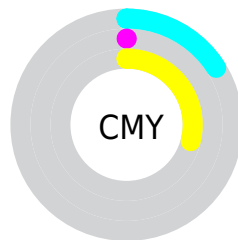
- Red (84%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7FEB5 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 D7FEB5 by changing the saturation by 10% instead.



 D7FEB5

FFFFFF

 FFFFED


 D7FEB5

 BBE19A

 9FC580

 85AA66

 6B8F4D

 517536

 395D1E

 204506

 092E00

 001C00

 D7FEB5

 D7FEB5

 C9FE9C

 E5FECE

 BCFE82

 F2FEE8

 AEFE69

FFFEFF

 A1FE4F

 93FE36

 86FE1D

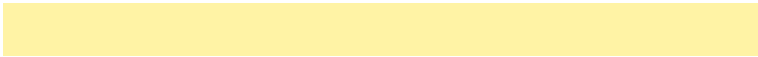
 78FE03

 76FE00

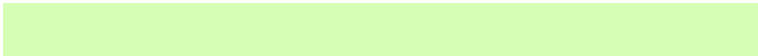
# Harmonies

## Analogous

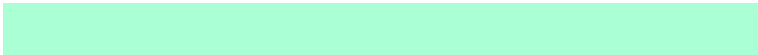
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF3A5



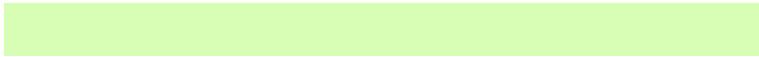
D7FEB5



AAFFD5

# Triad

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



D7FEB5



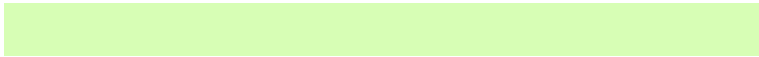
98FDFD



FFD5E8

# Complementary

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



D7FEB5



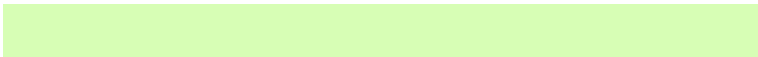
DCB5FE

# Split Complementary

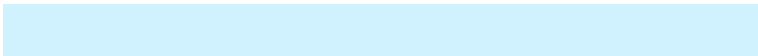
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD9FF



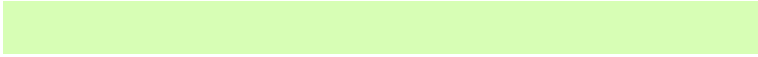
D7FEB5



D0F2FF

# Square

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



D7FEB5



76FFFF



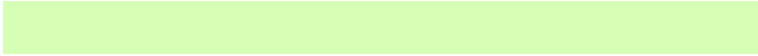
FFE4FF



FFDBC3

# Rectangle

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



D7FEB5



8EFFEF



FFE4FF

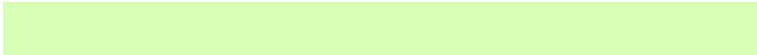


FFD5F5

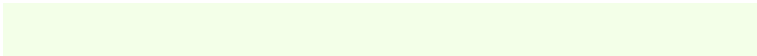


# Sweetspot

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



D7FEB5



F3FFE8



FEDCB5



788071



000000

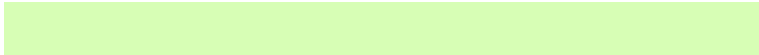


808080

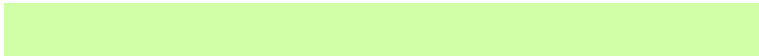


# Same Dimension

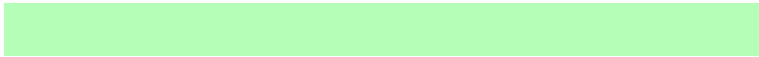
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D7FEB5



D1FFA8



B5FEB7



798073



59BF00



1E4000



# Inverse Universe

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



DCB5FE



D7A8FF



FEB5FC



7A7380



6600BF

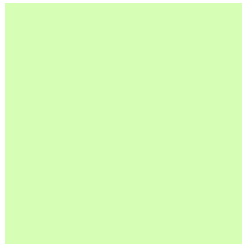


220040



# Previews

## White Background



This preview shows how the Hex color D7FEB5 looks on a white background.

## Color Contrast Check

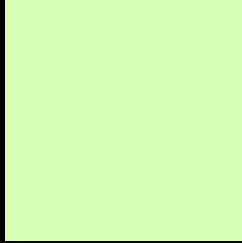
Large Text (above 18pt) WCAG AA × Fail

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 D7FEB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

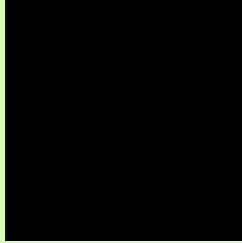
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

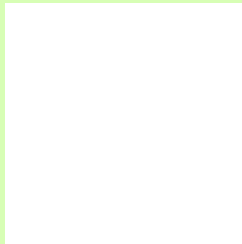
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7FEB5 Background



This preview shows how black text looks on a background with the Hex color D7FEB5.

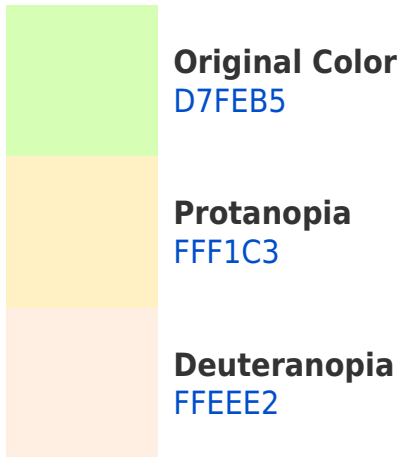


This preview shows how white text looks on a background with the Hex color D7FEB5.

# 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



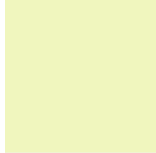


**Tritanopia**  
E9F3FF

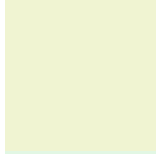
# Trichromacy



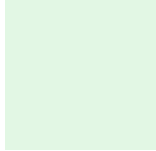
**Original Color**  
D7FEB5



**Protanomaly**  
F0F6BE

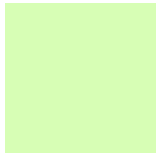


**Deuteranomaly**  
F0F4D2

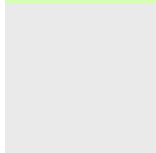


**Tritanomaly**  
E2F7E4

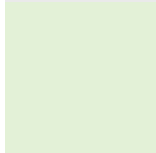
# Monochromacy



**Original Color**  
D7FEB5



**Achromatopsia**  
EAEAEA



**Achromatomaly**  
E3F1D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7FEB5 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 #D7FEB5 looks like.

```
.text, #text, p{  
    color:#D7FEB5  
}
```

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 #D7FEB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7FEB5  
}
```

## Border

The CSS property to change the border of an element to Hex D7FEB5 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  
#D7FEB5 }
```

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

```
.border{ border-color:#D7FEB5 }
```

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

Here you see how a box with a 4 pixel #D7FEB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7FEB5; -webkit-box-shadow:4px 4px  
4px 4px #D7FEB5; box-shadow:4px 4px 4px  
4px #D7FEB5 }
```

# Background

The CSS property to change the background color of an element to Hex D7FEB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7FEB5 }
```

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

```
.background{ background-color:#D7FEB5 }
```

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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