

# Converting Colors

Hex(D1F7BE)

Have a look what the booklet for  
Hex(D1F7BE) contains.

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# Color

Hex(D1F7BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	D1F7BE
RGB	209, 247, 190
RGB Percent	82%, 97%, 75%
CMY	0.1804, 0.0314, 0.2549
CMYK	0.15, 0.00, 0.23, 0.03
HSL	100°, 78%, 86%
HSV	100°, 23%, 97%
XYZ	68.8495, 83.7945, 61.2604
YIQ	229.1400, -4.3510, -25.7830

# Conversions

## Conversions Part 2

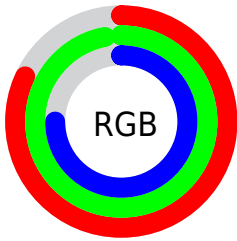
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 247, 228
Decimal	13760446
CIELab	93.36, -22.34, 23.45
CIELCh	93, 32.383, 133.615
Yxy	83.7945, 0.3219, 0.3917
Android (android.graphics.Color)	4291950526 (0xFFD1F7BE)
YUV	229.1400, -19.2960, -17.6628
Hunter-Lab	91.5394, -25.9386, 24.3992

# Details

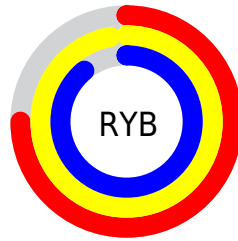
The Hex color **D1F7BE** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E4BEF7**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF7**, and **9ABF88** is the 20% darker color. If you saturate the color by 10%, you get **C1F7A5**, and if you desaturate by 10%, it is **E1F7D7**.

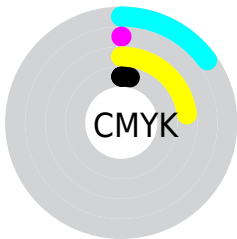
# Distribution



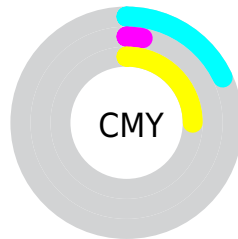
- Red (82%)
- Green (97%)
- Blue (75%)



- Red (75%)
- Yellow (97%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1F7BE 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 D1F7BE by changing the saturation by 10% instead.



 D1F7BE

FFFFFF

 FFFFF7

 D1F7BE

 B5DAA3

 9ABF88

 80A36F

 668956

 4D6F3E

 355728

 1E3F12

 0A2900

 001400

 D1F7BE

 D1F7BE

 C1F7A5

 E1F7D7

 B0F78D

 F2F7EF

 A0F774

 FFF7FF

 8FF75B

 7FF742

 6EF72A

 5EF711

 52F700

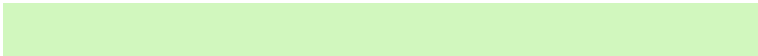
# Harmonies

## Analogous

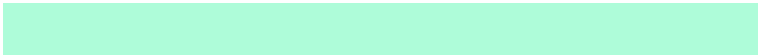
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F4EEAF



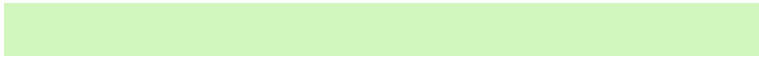
D1F7BE



AEFCD9

# Triad

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



D1F7BE



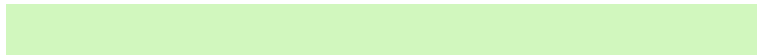
AFF4FF



FFD5DF

# Complementary

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



D1F7BE



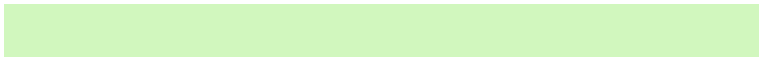
E4BEF7

# Split Complementary

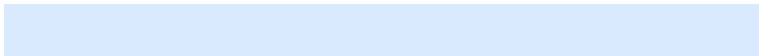
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD7FE



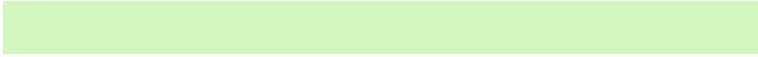
D1F7BE



D9EAFF

# Square

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



D1F7BE



93FBFF



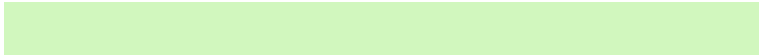
FFDFFF



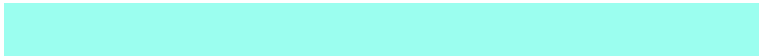
FFDBC2

# Rectangle

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



D1F7BE



9BFEEF



FFDFFF

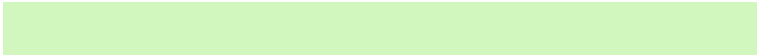


FFD5E9



# Sweetspot

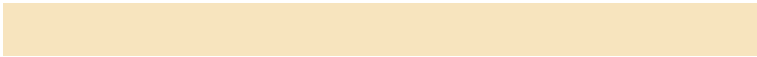
The Sweet Spot groups the original color and five complimentary colors.



D1F7BE



F3FFED



F7E4BE



798075



000000

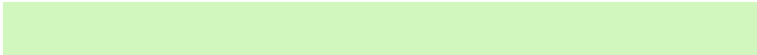


808080

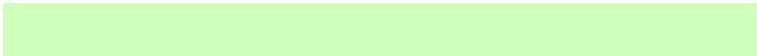


# Same Dimension

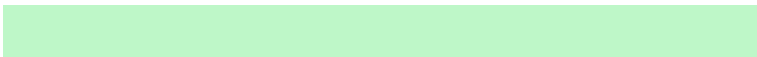
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D1F7BE



CFFFB8



BEF7C8



727A6E



3EBA00



143B00



# Inverse Universe

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



E4BEF7



E7B8FF



F7BEED



766E7A



7C00BA

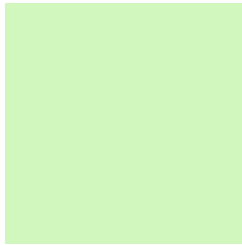


27003B



# Previews

## White Background



This preview shows how the Hex color D1F7BE looks on a white background.

## Color Contrast Check

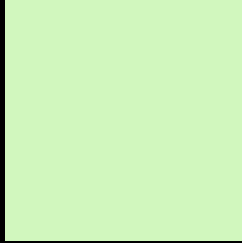
Large Text (above 18pt) WCAG AA × Fail

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 D1F7BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

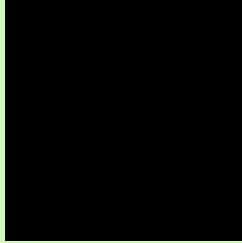
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

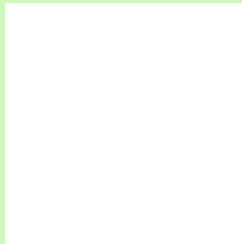
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D1F7BE Background



This preview shows how black text looks on a background with the Hex color D1F7BE.

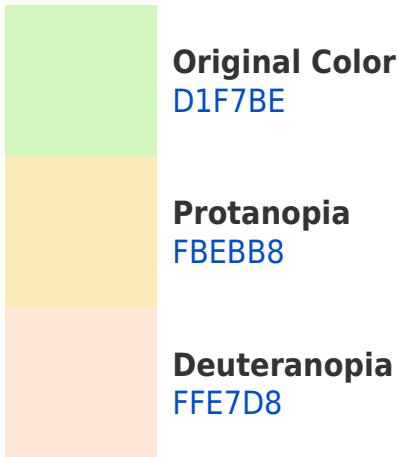


This preview shows how white text looks on a background with the Hex color D1F7BE.

# 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

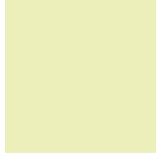




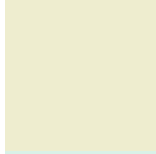
# Trichromacy



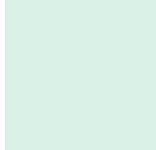
**Original Color**  
D1F7BE



**Protanomaly**  
ECEFBA



**Deuteranomaly**  
EEEDCF

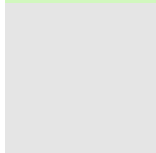


**Tritanomaly**  
D9F1E7

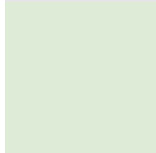
# Monochromacy



**Original Color**  
D1F7BE



**Achromatopsia**  
E5E5E5



**Achromatomaly**  
DEECD7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1F7BE 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 #D1F7BE looks like.

```
.text, #text, p{  
    color:#D1F7BE  
}
```

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 #D1F7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1F7BE
}
```

## Border

The CSS property to change the border of an element to Hex D1F7BE 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
#D1F7BE }
```

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

```
.border{ border-color:#D1F7BE }
```

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

Here you see how a box with a 4 pixel #D1F7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1F7BE; -webkit-box-shadow:4px 4px  
4px 4px #D1F7BE; box-shadow:4px 4px 4px  
4px #D1F7BE }
```

# Background

The CSS property to change the background color of an element to Hex D1F7BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1F7BE }
```

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

```
.background{ background-color:#D1F7BE }
```

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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