

# Converting Colors

Hex(D3F7C5)

Have a look what the booklet for  
Hex(D3F7C5) contains.

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# **Color**

**Hex(D3F7C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3F7C5
RGB	211, 247, 197
RGB Percent	83%, 97%, 77%
CMY	0.1725, 0.0314, 0.2275
CMYK	0.15, 0.00, 0.20, 0.03
HSL	103°, 76%, 87%
HSV	103°, 20%, 97%
XYZ	70.2028, 84.4016, 65.4144
YIQ	230.5360, -5.4060, -23.1820

# Conversions

## Conversions Part 2

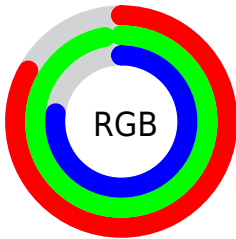
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 247, 233
Decimal	13891525
CIELab	93.62, -20.55, 20.25
CIELCh	94, 28.851, 135.425
Yxy	84.4016, 0.3191, 0.3836
Android (android.graphics.Color)	4292081605 (0xFFD3F7C5)
YUV	230.5360, -16.5332, -17.1331
Hunter-Lab	91.8704, -24.3723, 22.0930

# Details

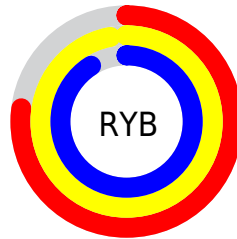
The Hex color **D3F7C5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E9C5F7**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFFE**, and **9CBF8F** is the 20% darker color. If you saturate the color by 10%, you get **C1F7AC**, and if you desaturate by 10%, it is **E5F7DE**.

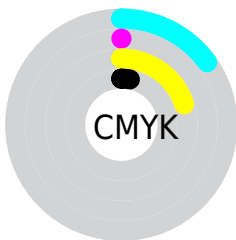
# Distribution



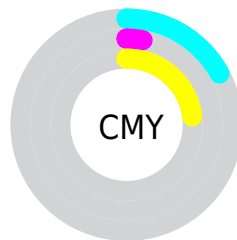
- Red (83%)
- Green (97%)
- Blue (77%)



- Red (77%)
- Yellow (97%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3F7C5 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 D3F7C5 by changing the saturation by 10% instead.



 D3F7C5

FFFFFFF

FFFFFFE

 D3F7C5

 B7DAAA

 9CBF8F

 82A375

 68895C

 4F7045

 37572E

 203F18

 0C2900

 001500

 D3F7C5

 D3F7C5

 C1F7AC

 E5F7DE

 AFF794

 F7F7F6

 9EF77B

 FFF7FF

 8CF762

 7AF74A

 68F731

 57F718

 45F700

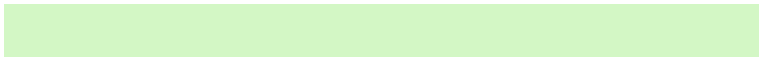
# Harmonies

## Analogous

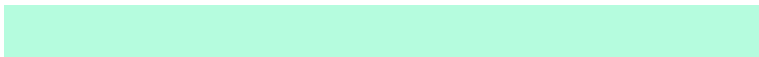
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F3EFB7



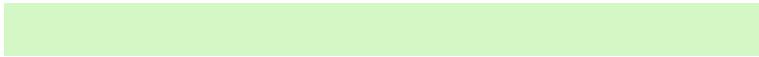
D3F7C5



B5FCDE

# Triad

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



D3F7C5



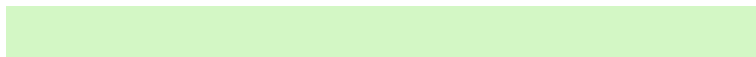
BAF3FF



FFD9DF

# Complementary

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



D3F7C5



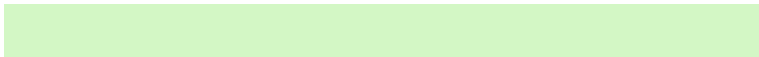
E9C5F7

# Split Complementary

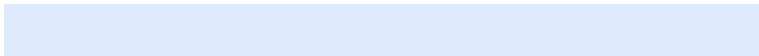
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDAFB



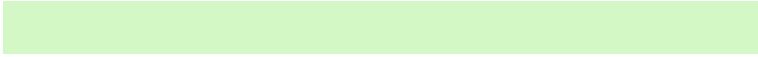
D3F7C5



DFEAFF

# Square

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



D3F7C5



A1FAFF



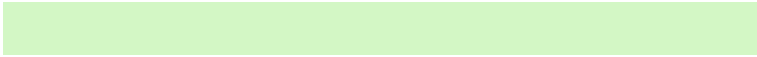
FFE1FF



FFDEC6

# Rectangle

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



D3F7C5



A5DFD1



FFE1FF

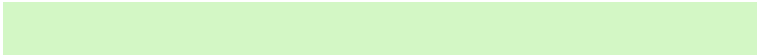


FFD9E9



# Sweetspot

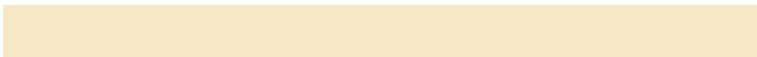
The Sweet Spot groups the original color and five complimentary colors.



D3F7C5



F4FFF0



F7E9C5



798077



000000

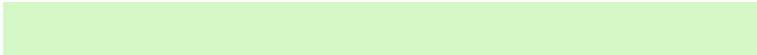


808080

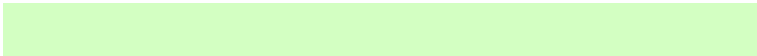


# Same Dimension

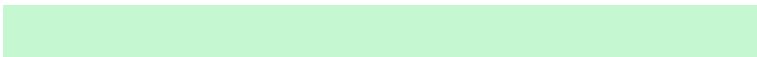
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D3F7C5



D3FFC2



C5F7D0



727A6E



34BA00



103B00



# Inverse Universe

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



E9C5F7



EEC2FF



F7C5EC



776E7A



8600BA

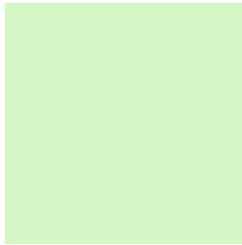


2A003B



# Previews

## White Background



This preview shows how the Hex color D3F7C5 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 D3F7C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

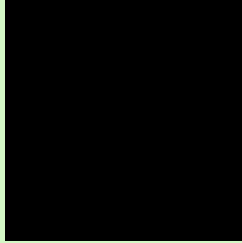
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

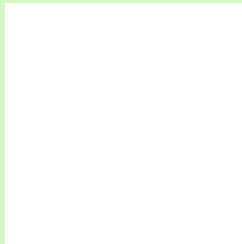
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3F7C5 Background



This preview shows how black text looks on a background with the Hex color D3F7C5.

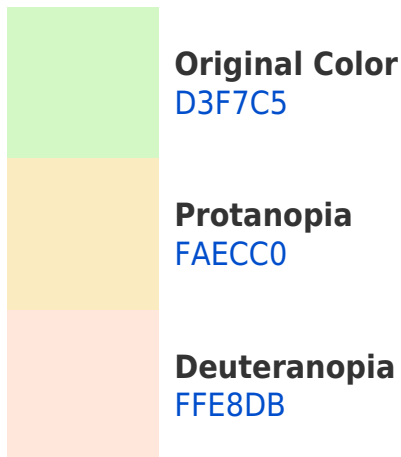


This preview shows how white text looks on a background with the Hex color D3F7C5.

# 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



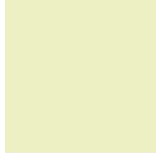


**Tritanopia**  
DFEEFF

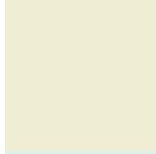
# Trichromacy



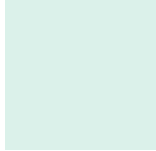
**Original Color**  
D3F7C5



**Protanomaly**  
ECF0C2

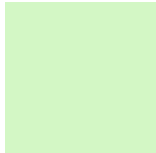


**Deuteranomaly**  
EFEDD3

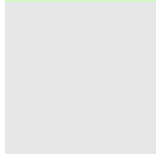


**Tritanomaly**  
DBF1EA

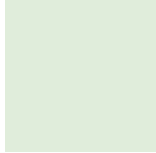
# Monochromacy



**Original Color**  
D3F7C5



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
E0EDDB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3F7C5 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 #D3F7C5 looks like.

```
.text, #text, p{  
    color:#D3F7C5  
}
```

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 #D3F7C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3F7C5
}
```

## Border

The CSS property to change the border of an element to Hex D3F7C5 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
#D3F7C5 }
```

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

```
.border{ border-color:#D3F7C5 }
```

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

Here you see how a box with a 4 pixel #D3F7C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3F7C5; -webkit-box-shadow:4px 4px  
4px 4px #D3F7C5; box-shadow:4px 4px 4px  
4px #D3F7C5 }
```

# Background

The CSS property to change the background color of an element to Hex D3F7C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3F7C5 }
```

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

```
.background{ background-color:#D3F7C5 }
```

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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