

# Converting Colors

Hex(C3FDA7)

Have a look what the booklet for  
Hex(C3FDA7) contains.

<b>Hex(C3FDA7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C3FDA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3FDA7
RGB	195, 253, 167
RGB Percent	76%, 99%, 65%
CMY	0.2353, 0.0078, 0.3451
CMYK	0.23, 0.00, 0.34, 0.01
HSL	100°, 96%, 82%
HSV	100°, 34%, 99%
XYZ	64.6060, 84.6427, 49.4918
YIQ	225.8540, -6.9620, -39.0420

# Conversions

## Conversions Part 2

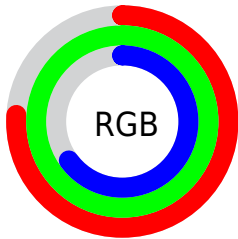
Format	Color
<a href="#">RYB</a>	<a href="#">167, 253, 225</a>
Decimal	<a href="#">12844455</a>
CIELab	<a href="#">93.73, -33.35, 35.41</a>
CIElCh	<a href="#">94, 48.641, 133.278</a>
Yxy	<a href="#">84.6427, 0.3251, 0.4259</a>
Android (android.graphics.Color)	<a href="#">4291034535 (0xFFC3FDA7)</a>
YUV	<a href="#">225.8540, -29.0150, -27.0590</a>
Hunter-Lab	<a href="#">92.0015, -35.6548, 32.5062</a>

# Details

The Hex color **C3FDA7** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **E1A7FD**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FDFDFD**, and **8CC472** is the 20% darker color. If you saturate the color by 10%, you get **B2FD8E**, and if you desaturate by 10%, it is **D4FDC0**.

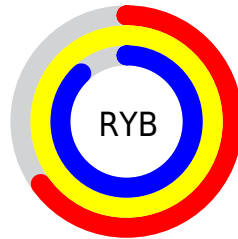
# Distribution



Red (76%)

Green (99%)

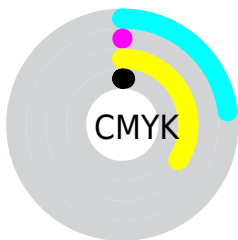
Blue (65%)



Red (65%)

Yellow (99%)

Blue (88%)

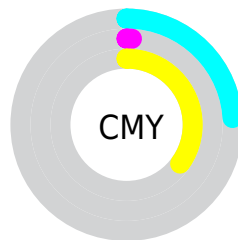


Cyan (23%)

Magenta (0%)

Yellow (34%)

Black (1%)



Cyan (24%)

Magenta (1%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3FDA7 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 C3FDA7 by changing the saturation by 10% instead.



 C3FDA7

 C3FDA7

FFFFFF

 A7E08C

 FDFFDF

 8CC472

 FFFFC

 71A959

 578E40

 3D7428

 225B0F

 034300

 002C00

 001500

 C3FDA7

 C3FDA7

 B2FD8E

 D4FDC0

 A1FD74

 E5FDDA

 90FD5B

 F6FDF3

 7FFD42

 FFFDFF

 6EFD28

 5DFD0F

 52FD00

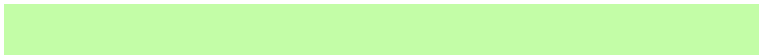
# Harmonies

## Analogous

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



F7F190



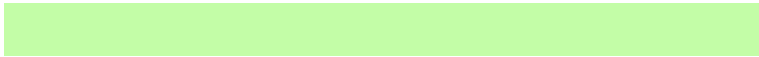
C3FDA7



87FFD0

# Triad

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



C3FDA7



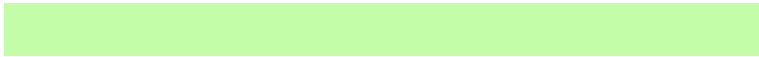
79F9FF



FFC9DA

# Complementary

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



C3FDA7



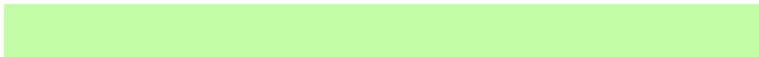
E1A7FD

# Split Complementary

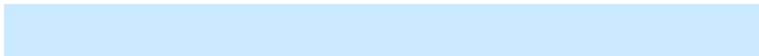
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCCFF



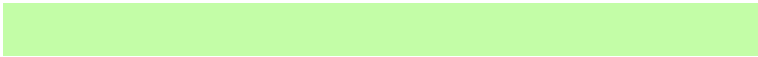
C3FDA7



CBEAFF

# Square

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



C3FDA7



21FFFF



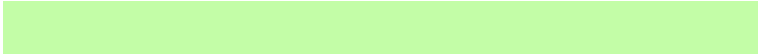
FFD9FF



FFD2AF

# Rectangle

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



C3FDA7



5AFF1



FFD9FF

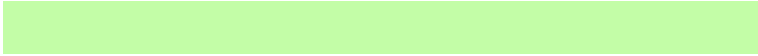


FFC8EA



# Sweetspot

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



C3FDA7



EEFFE6



FDE0A7



758070



000000

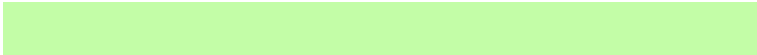


808080

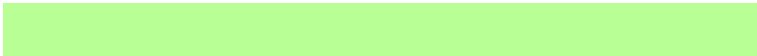


# Same Dimension

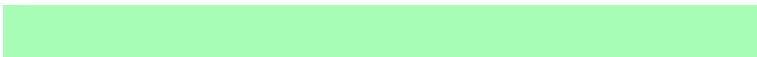
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C3FDA7



B8FF96



A7FDB5



778073



3EBF00



154000



# Inverse Universe

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



E1A7FD



DD96FF



FDA7EF



7B7380



8100BF

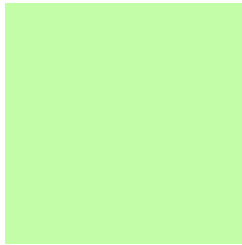


2B0040



# Previews

## White Background



This preview shows how the Hex color C3FDA7 looks on a white background.

## Color Contrast Check

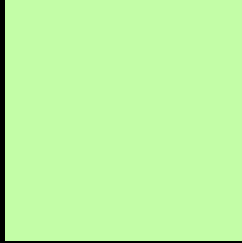
Large Text (above 18pt) WCAG AA × Fail

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 C3FDA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

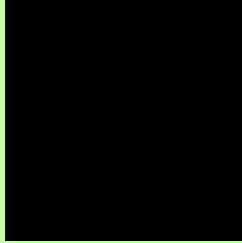
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

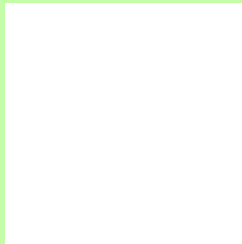
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3FDA7 Background



This preview shows how black text looks on a background with the Hex color C3FDA7.

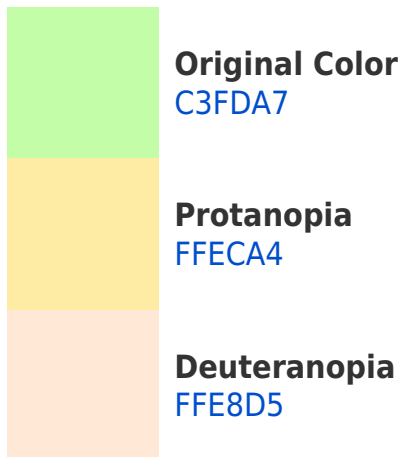


This preview shows how white text looks on a background with the Hex color C3FDA7.

# 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



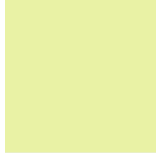


**Tritanopia**  
D9F0FF

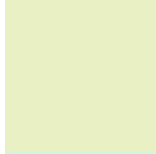
# Trichromacy



**Original Color**  
C3FDA7



**Protanomaly**  
E9F2A5

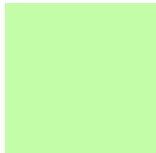


**Deuteranomaly**  
E9F0C4

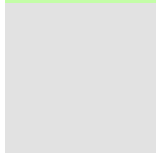


**Tritanomaly**  
D1F5DF

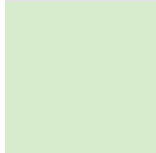
# Monochromacy



**Original Color**  
C3FDA7



**Achromatopsia**  
E2E2E2



**Achromatomaly**  
D7ECCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3FDA7 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 #C3FDA7 looks like.

```
.text, #text, p{  
    color:#C3FDA7  
}
```

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 #C3FDA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3FDA7
}
```

## Border

The CSS property to change the border of an element to Hex C3FDA7 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
#C3FDA7 }
```

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

```
.border{ border-color:#C3FDA7 }
```

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

Here you see how a box with a 4 pixel #C3FDA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3FDA7; -webkit-box-shadow:4px 4px  
4px 4px #C3FDA7; box-shadow:4px 4px 4px  
4px #C3FDA7 }
```

# Background

The CSS property to change the background color of an element to Hex C3FDA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3FDA7 }
```

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

```
.background{ background-color:#C3FDA7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor