

# Converting Colors

Hex(D7F99C)

Have a look what the booklet for  
Hex(D7F99C) contains.

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# **Color**

**Hex(D7F99C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7F99C
RGB	215, 249, 156
RGB Percent	84%, 98%, 61%
CMY	0.1569, 0.0235, 0.3882
CMYK	0.14, 0.00, 0.37, 0.02
HSL	82°, 89%, 79%
HSV	82°, 37%, 98%
XYZ	67.9008, 84.5987, 44.2029
YIQ	228.2320, 9.5890, -36.1310

# Conversions

## Conversions Part 2

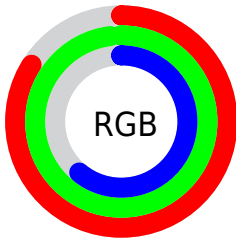
Format	Color
R <sub>Y</sub> B	156, 249, 190
Decimal	14154140
CIE Lab	93.71, -25.91, 41.06
CIE LCh	94, 48.557, 122.254
Yxy	84.5987, 0.3452, 0.4301
Android (android.graphics.Color)	4292344220 (0xFFD7F99C)
YUV	228.2320, -35.6104, -11.6045
Hunter-Lab	91.9776, -29.1864, 35.8905

# Details

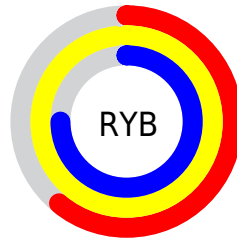
The Hex color **D7F99C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BE9CF9**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFD3**, and **9FC067** is the 20% darker color. If you saturate the color by 10%, you get **CEF983**, and if you desaturate by 10%, it is **E0F9B5**.

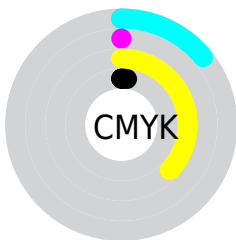
# Distribution



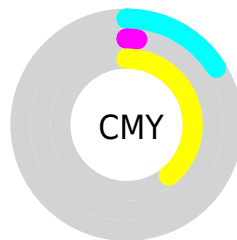
- Red (84%)
- Green (98%)
- Blue (61%)



- Red (61%)
- Yellow (98%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)



- Cyan (16%)
- Magenta (2%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7F99C 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 D7F99C by changing the saturation by 10% instead.



 D7F99C

FFFFFF

 FFFFD3

 FFFFF0

 D7F99C

 BBDC81

 9FC067


 84A54E

 6A8B35

 50711C

 375900

 1F4100

 012B00

 001500

 D7F99C

 D7F99C

 CEF983

 E0F9B5

 C5F96A

 E9F9CE

 BCF951

 F2F9E7

 B3F938

 FBF9FF

 A9F920

 FFF9FF

 A0F907

 9EF900

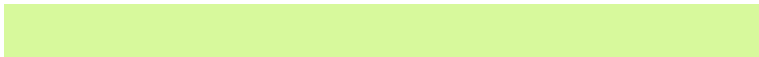
# Harmonies

## Analogous

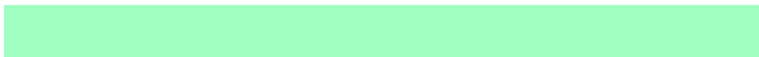
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEB8E



D7F99C



9EFFC0

# Triad

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



D7F99C



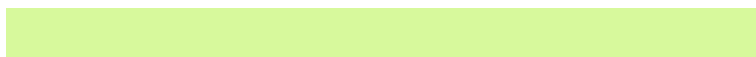
59FDFD



FFC8EB

# Complementary

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



D7F99C



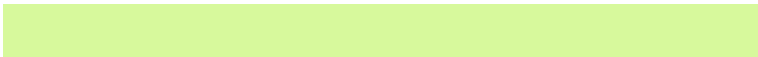
BE9CF9

# Split Complementary

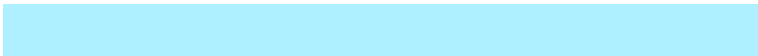
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD0FF



D7F99C



AEF0FF

# Square

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



D7F99C



17FFFF



F7DFFF



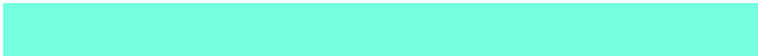
FFCDBD

# Rectangle

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



D7F99C



74FFDF



F7DFFF

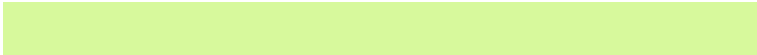


FFC9FB

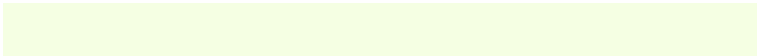


# Sweetspot

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



D7F99C



F5FFE3



F9BD9C



79806F



000000



808080

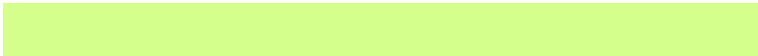


# Same Dimension

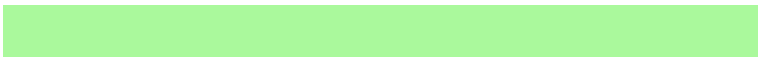
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D7F99C



D5FF8C



AAF99C



787D70



78BD00



273D00



# Inverse Universe

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



BE9CF9



B68CFF



EB9CF9



75707D



4500BD

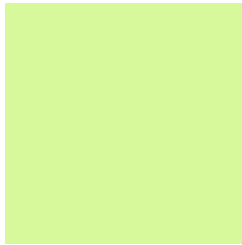


16003D



# Previews

## White Background



This preview shows how the Hex color D7F99C looks on a white background.

## Color Contrast Check

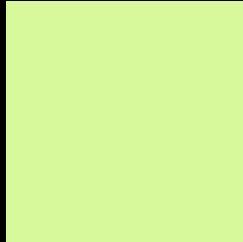
Large Text (above 18pt) WCAG AA × Fail

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 D7F99C 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 D7F99C Background



This preview shows how black text looks on a background with the Hex color D7F99C.

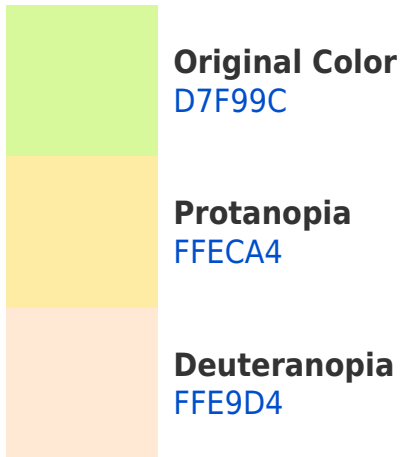


This preview shows how white text looks on a background with the Hex color D7F99C.

# 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**  
E5EDFF

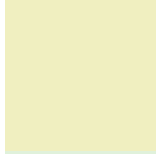
# Trichromacy



**Original Color**  
D7F99C



**Protanomaly**  
F0F1A1



**Deuteranomaly**  
F0EFC0

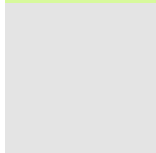


**Tritanomaly**  
E0F1DB

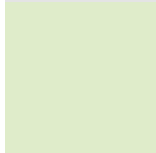
# Monochromacy



**Original Color**  
D7F99C



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
DFECCA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7F99C 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 #D7F99C looks like.

```
.text, #text, p{  
    color:#D7F99C  
}
```

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 #D7F99C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7F99C } }
```

## Border

The CSS property to change the border of an element to Hex D7F99C 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 #D7F99C } }
```

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

```
.border{ border-color:#D7F99C }
```

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

Here you see how a box with a 4 pixel #D7F99C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7F99C; -webkit-box-shadow:4px 4px  
4px 4px #D7F99C; box-shadow:4px 4px 4px  
4px #D7F99C }
```

# Background

The CSS property to change the background color of an element to Hex D7F99C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7F99C }
```

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

```
.background{ background-color:#D7F99C }
```

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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