

# Converting Colors

Hex(D7F6A6)

Have a look what the booklet for  
Hex(D7F6A6) contains.

<b>Hex(D7F6A6)</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(D7F6A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7F6A6
RGB	215, 246, 166
RGB Percent	84%, 96%, 65%
CMY	0.1569, 0.0353, 0.3490
CMYK	0.13, 0.00, 0.33, 0.04
HSL	83°, 82%, 81%
HSV	83°, 33%, 96%
XYZ	67.8630, 83.1118, 48.5418
YIQ	227.6110, 7.2040, -31.4520

# Conversions

## Conversions Part 2

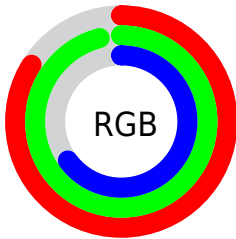
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 246, 197
Decimal	14153382
CIELab	93.06, -23.21, 35.25
CIELCh	93, 42.209, 123.358
Yxy	83.1118, 0.3401, 0.4166
Android (android.graphics.Color)	4292343462 (0xFFD7F6A6)
YUV	227.6110, -30.3742, -11.0598
Hunter-Lab	91.1657, -26.6659, 32.2466

# Details

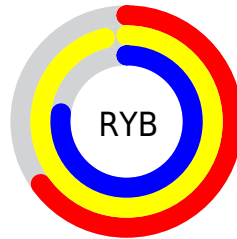
The Hex color **D7F6A6** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C5A6F6**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFDE**, and **9FBE71** is the 20% darker color. If you saturate the color by 10%, you get **CDF68D**, and if you desaturate by 10%, it is **E1F6BF**.

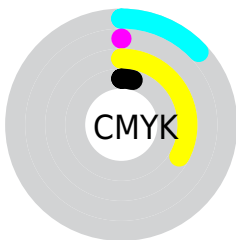
# Distribution



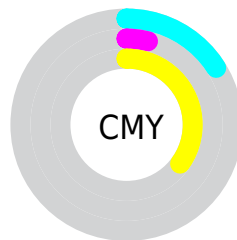
- Red (84%)
- Green (96%)
- Blue (65%)



- Red (65%)
- Yellow (96%)
- Blue (77%)



- Cyan (13%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7F6A6 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 D7F6A6 by changing the saturation by 10% instead.



 D7F6A6

 D7F6A6

FFFFFF

 BBD98B

 FFFFDE

 9FBE71

 FFFFFA

 84A358

 6A883F

 516F28

 38560F

 213F00

 072800

 001300

 D7F6A6

 D7F6A6

 CDF68D

 E1F6BF

 C4F675

 EAF6D7

 BAF65C

 F4F6F0

 B1F644

 FDF6FF

 A7F62B

 FFF6FF

 9EF612

 97F600

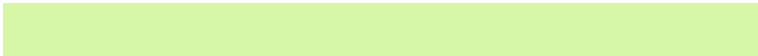
# Harmonies

## Analogous

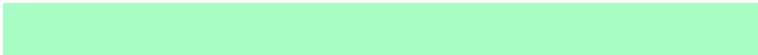
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEA99



D7F6A6



A7FEC5

# Triad

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



D7F6A6



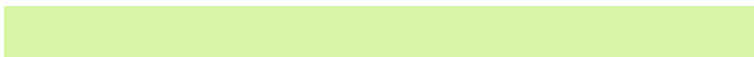
7DF9FF



FFCCE8

# Complementary

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



D7F6A6



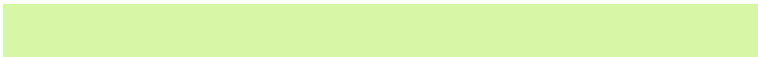
C5A6F6

# Split Complementary

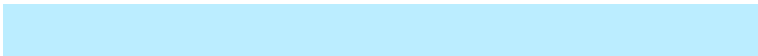
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD2FF



D7F6A6



BBEDFF

# Square

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



D7F6A6



5DFFFF



F6DFFF



FFD0C0

# Rectangle

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



D7F6A6



86FFE0



F6DFFF



FFCDF6



# Sweetspot

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



D7F6A6



F5FFE6



F6C5A6



7A8070



000000

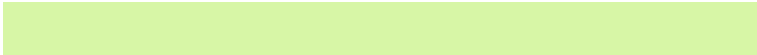


808080

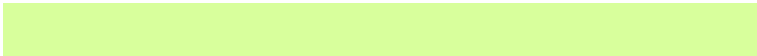


# Same Dimension

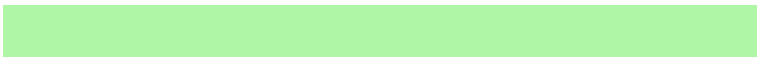
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D7F6A6



D8FF9C



AFF6A6



767A6E



72BA00



243B00



# Inverse Universe

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



C5A6F6



C29CFF



EDA6F6



736E7A



4800BA



17003B



# Previews

## White Background



This preview shows how the Hex color D7F6A6 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 D7F6A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

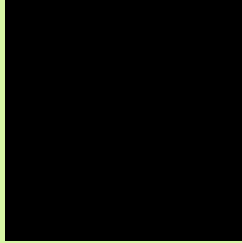
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7F6A6 Background



This preview shows how black text looks on a background with the Hex color D7F6A6.

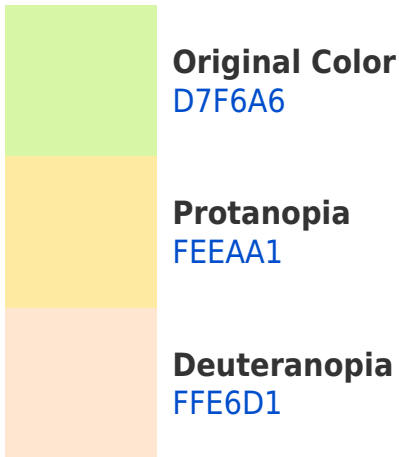


This preview shows how white text looks on a background with the Hex color D7F6A6.

# 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

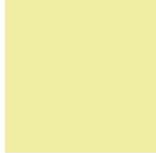




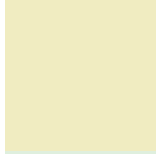
# Trichromacy



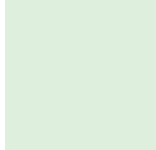
**Original Color**  
D7F6A6



**Protanomaly**  
F0EEA3



**Deuteranomaly**  
F0ECC1

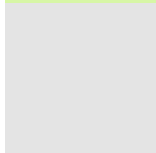


**Tritanomaly**  
DFEFDE

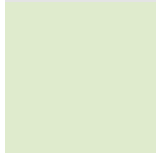
# Monochromacy



**Original Color**  
D7F6A6



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
DFEBCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7F6A6 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 #D7F6A6 looks like.

```
.text, #text, p{  
    color:#D7F6A6  
}
```

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 #D7F6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7F6A6
}
```

## Border

The CSS property to change the border of an element to Hex D7F6A6 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
#D7F6A6 }
```

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

```
.border{ border-color:#D7F6A6 }
```

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

Here you see how a box with a 4 pixel #D7F6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7F6A6; -webkit-box-shadow:4px 4px  
4px 4px #D7F6A6; box-shadow:4px 4px 4px  
4px #D7F6A6 }
```

# Background

The CSS property to change the background color of an element to Hex D7F6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7F6A6 }
```

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

```
.background{ background-color:#D7F6A6 }
```

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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