

# Converting Colors

Hex(D6F2A9)

Have a look what the booklet for  
Hex(D6F2A9) contains.

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**Color**

**Hex(D6F2A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6F2A9
RGB	214, 242, 169
RGB Percent	84%, 95%, 66%
CMY	0.1608, 0.0510, 0.3373
CMYK	0.12, 0.00, 0.30, 0.05
HSL	83°, 74%, 81%
HSV	83°, 30%, 95%
XYZ	66.6451, 80.6650, 49.5934
YIQ	225.3060, 6.7450, -28.6390

# Conversions

## Conversions Part 2

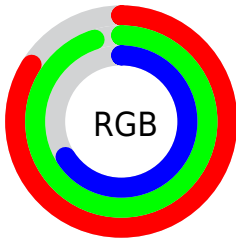
Format	Color
<a href="#">RYB</a>	<a href="#">169, 242, 197</a>
Decimal	<a href="#">14086825</a>
CIELab	<a href="#">91.98, -21.24, 32.30</a>
CIElCh	<a href="#">92, 38.654, 123.332</a>
Yxy	<a href="#">80.6650, 0.3385, 0.4097</a>
Android (android.graphics.Color)	<a href="#">4292276905 (0xFFD6F2A9)</a>
YUV	<a href="#">225.3060, -27.7589, -9.9154</a>
Hunter-Lab	<a href="#">89.8137, -24.7203, 30.1307</a>

# Details

The Hex color **D6F2A9** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **C5A9F2**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFE1**, and **9EBA74** is the 20% darker color. If you saturate the color by 10%, you get **CDF291**, and if you desaturate by 10%, it is **DF2C1**.

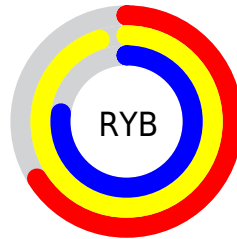
# Distribution



Red (84%)

Green (95%)

Blue (66%)



Red (66%)

Yellow (95%)

Blue (77%)

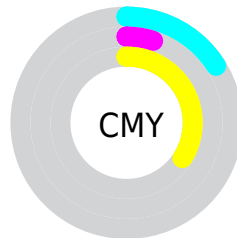


Cyan (12%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (16%)

Magenta (5%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6F2A9 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 D6F2A9 by changing the saturation by 10% instead.



 D6F2A9

FFFFFF

 FFFFE1

FFFFFFE

 D6F2A9

 BAD68E


 9EBA74


 849F5B

 6A8543

 516B2B

 385313

 213C00

 082600

 000D00

 D6F2A9

 D6F2A9

 CDF291

 DFF2C1

 C3F279

 E9F2D9

 BAF260

 F2F2F2

 B1F248

 FBF2FF

 A8F230

 FFF2FF

 9EF218

 95F200

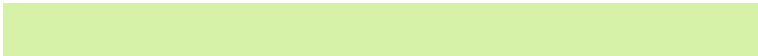
# Harmonies

## Analogous

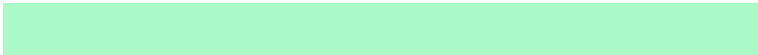
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FEE79E



D6F2A9



ABF9C6

# Triad

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



D6F2A9



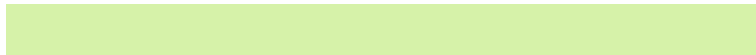
88F5FF



FFCCE5

# Complementary

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



D6F2A9



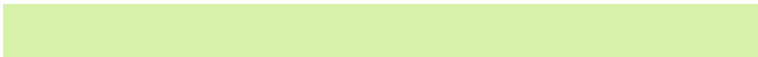
C5A9F2

# Split Complementary

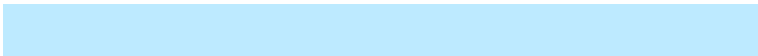
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD1FF



D6F2A9



BDEAFF

# Square

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



D6F2A9



6EFBFF



F3DDFF



FFD0C1

# Rectangle

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



D6F2A9



8EFCDE



F3DDFF



FFCDF2



# Sweetspot

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



D6F2A9



F6FFE8



F2C5A9



7A8071



000000

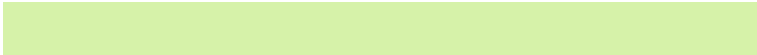


808080

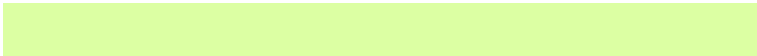


# Same Dimension

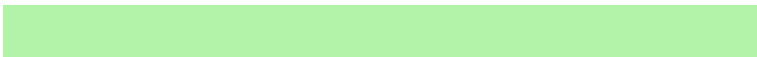
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D6F2A9



DCFFA3



B2F2A9



73786C



71B800



233800



# Inverse Universe

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



C5A9F2



C6A3FF



E9A9F2



706C78



4600B8

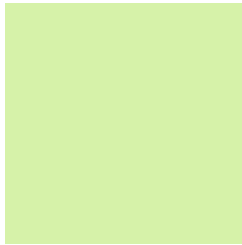


160038



# Previews

## White Background



This preview shows how the Hex color D6F2A9 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 D6F2A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

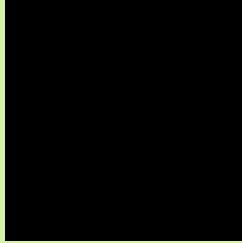
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

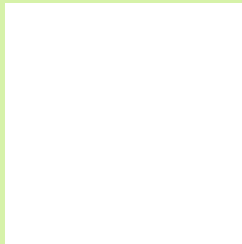
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D6F2A9 Background



This preview shows how black text looks on a background with the Hex color D6F2A9.

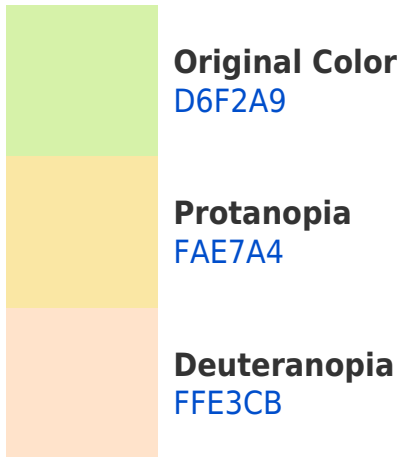


This preview shows how white text looks on a background with the Hex color D6F2A9.

# 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



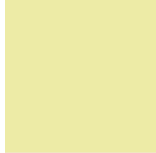


**Tritanopia**  
E1E8FA

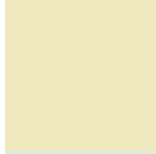
# Trichromacy



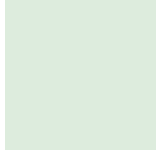
**Original Color**  
D6F2A9



**Protanomaly**  
EDEBA6

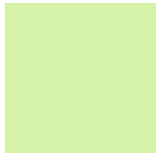


**Deuteranomaly**  
F0E8BF

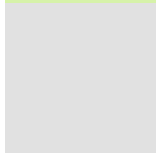


**Tritanomaly**  
DDECDD

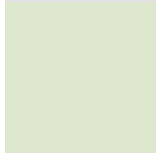
# Monochromacy



**Original Color**  
D6F2A9



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
DDE7CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6F2A9 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 #D6F2A9 looks like.

```
.text, #text, p{  
    color:#D6F2A9  
}
```

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 #D6F2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6F2A9
}
```

## Border

The CSS property to change the border of an element to Hex D6F2A9 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
#D6F2A9 }
```

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

```
.border{ border-color:#D6F2A9 }
```

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

Here you see how a box with a 4 pixel #D6F2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6F2A9; -webkit-box-shadow:4px 4px  
4px 4px #D6F2A9; box-shadow:4px 4px 4px  
4px #D6F2A9 }
```

# Background

The CSS property to change the background color of an element to Hex D6F2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6F2A9 }
```

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

```
.background{ background-color:#D6F2A9 }
```

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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