

Converting Colors

Hex(D6F0A1)

Have a look what the booklet for
Hex(D6F0A1) contains.

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Color

Hex(D6F0A1)

Conversions

Conversions Part 1

Format	Color
Hex	D6F0A1
RGB	214, 240, 161
RGB Percent	84%, 94%, 63%
CMY	0.1608, 0.0588, 0.3686
CMYK	0.11, 0.00, 0.33, 0.06
HSL	80°, 72%, 79%
HSV	80°, 33%, 94%
XYZ	65.3247, 79.1895, 45.5603
YIQ	223.2200, 9.8630, -30.0810

Conversions

Conversions Part 2

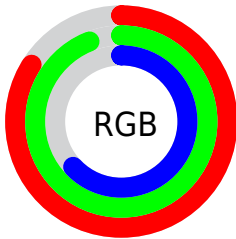
Format	Color
RYB	161, 240, 187
Decimal	14086305
CIELab	91.32, -21.34, 35.44
CIElCh	91, 41.371, 121.049
Yxy	79.1895, 0.3437, 0.4166
Android (android.graphics.Color)	4292276385 (0xFFD6F0A1)
YUV	223.2200, -30.6745, -8.0859
Hunter-Lab	88.9885, -24.6966, 31.9366

Details

The Hex color **D6F0A1** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BBA1F0**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFD8**, and **9EB86C** is the 20% darker color. If you saturate the color by 10%, you get **CEF089**, and if you desaturate by 10%, it is **DEF0B9**.

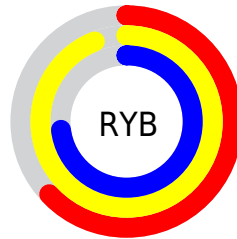
Distribution



Red (84%)

Green (94%)

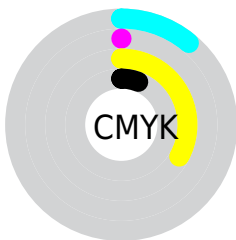
Blue (63%)



Red (63%)

Yellow (94%)

Blue (73%)

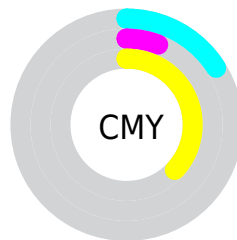


Cyan (11%)

Magenta (0%)

Yellow (33%)

Black (6%)



Cyan (16%)

Magenta (6%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6F0A1 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 D6F0A1 by changing the saturation by 10% instead.

 D6F0A1

FFFFFF

 FFFFD8

 FFFFF5

 D6F0A1

 BAD486


 9EB86C

 849D53

 6A833B

 506A23

 385109

 213A00

 052400

 000900

 D6F0A1

 D6F0A1

 CEF089

 DEF0B9

 C6F071

 E6F0D1

 BEF059

 EEF0E9

 B6F041

 F6F0FF

 AFF029

 FDF0FF

 A7F011

 FFF0FF

 A1F000

Harmonies

Analogous

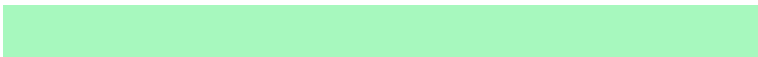
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE496



D6F0A1



A7F8BE

Triad

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



D6F0A1



77F4FF



FFC8E6

Complementary

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



D6F0A1



BBA1F0

Split Complementary

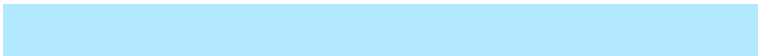
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCEFF



D6F0A1



B2E9FF

Square

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



D6F0A1



5CFBFF



EDDBFF



FFCBBF

Rectangle

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



D6F0A1



87FBD8



EDDBFF



FFC9F4

Sweetspot

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



D6F0A1



F7FFE6



F0BAA1



7A8070



000000



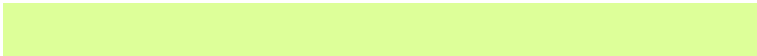
808080

Same Dimension

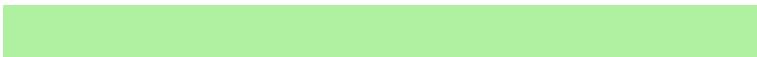
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D6F0A1



DFF99



AFF0A1



74786C



7BB800



263800

Inverse Universe

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



BBA1F0



BB99FF



E2A1F0



706C78



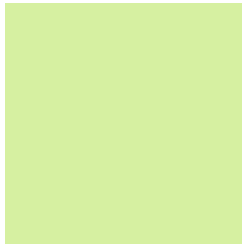
3C00B8



120038

Previews

White Background



This preview shows how the Hex color D6F0A1 looks on a white background.

Color Contrast Check

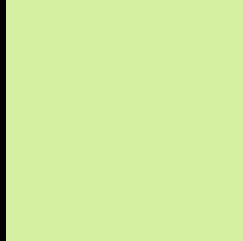
Large Text (above 18pt) WCAG AA × Fail

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 D6F0A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

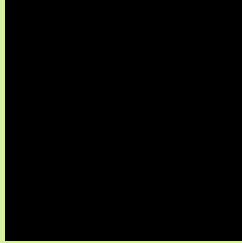
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

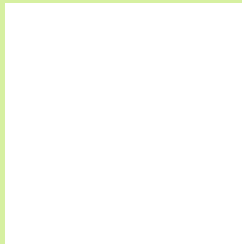
Any Text WCAG AAA ✓ Pass

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

Hex D6F0A1 Background



This preview shows how black text looks on a background with the Hex color D6F0A1.

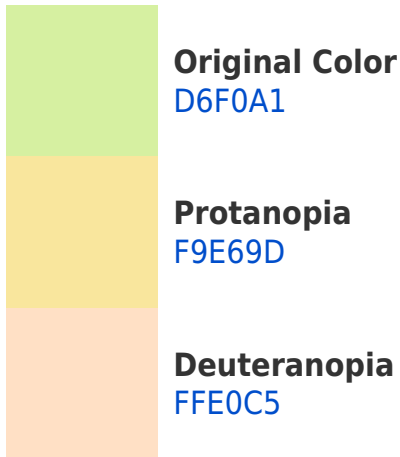


This preview shows how white text looks on a background with the Hex color D6F0A1.

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](#).

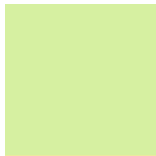
Dichromacy



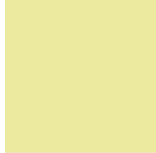


Tritanopia
E2E5F7

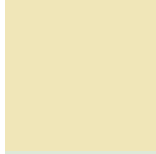
Trichromacy



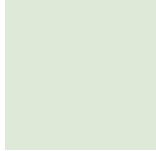
Original Color
D6F0A1



Protanomaly
ECEA9E

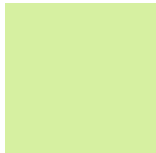


Deuteranomaly
F0E6B8

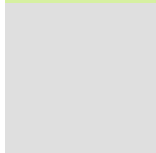


Tritanomaly
DEE9D8

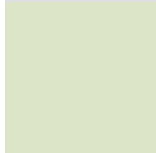
Monochromacy



Original Color
D6F0A1



Achromatopsia
DFDFDF



Achromatomaly
DCE5C8

CSS Examples

Text

The CSS property to change the color of the text to Hex D6F0A1 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 #D6F0A1 looks like.

```
.text, #text, p{  
    color:#D6F0A1  
}
```

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 #D6F0A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6F0A1
}
```

Border

The CSS property to change the border of an element to Hex D6F0A1 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
#D6F0A1 }
```

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

```
.border{ border-color:#D6F0A1 }
```

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

Here you see how a box with a 4 pixel #D6F0A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6F0A1; -webkit-box-shadow:4px 4px  
4px 4px #D6F0A1; box-shadow:4px 4px 4px  
4px #D6F0A1 }
```

Background

The CSS property to change the background color of an element to Hex D6F0A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6F0A1 }
```

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

```
.background{ background-color:#D6F0A1 }
```

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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