

Converting Colors

Hex(DFF7A1)

Have a look what the booklet for
Hex(DFF7A1) contains.

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Color

Hex(DFF7A1)

Conversions

Conversions Part 1

Format	Color
Hex	DFF7A1
RGB	223, 247, 161
RGB Percent	87%, 97%, 63%
CMY	0.1255, 0.0314, 0.3686
CMYK	0.10, 0.00, 0.35, 0.03
HSL	77°, 84%, 80%
HSV	77°, 35%, 97%
XYZ	70.1252, 84.7827, 46.3869
YIQ	230.0200, 13.3020, -31.8340

Conversions

Conversions Part 2

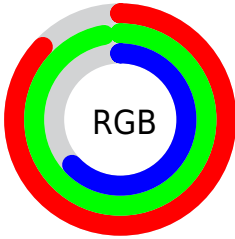
Format	Color
RYB	161, 247, 185
Decimal	14677921
CIELab	93.79, -21.43, 38.80
CIELCh	94, 44.325, 118.909
Yxy	84.7827, 0.3484, 0.4212
Android (android.graphics.Color)	4292868001 (0xFFDFF7A1)
YUV	230.0200, -34.0269, -6.1565
Hunter-Lab	92.0775, -25.1921, 34.5851

Details

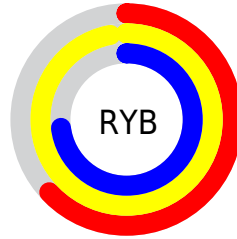
The Hex color **DFF7A1** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B9A1F7**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFD9**, and **A7BF6C** is the 20% darker color. If you saturate the color by 10%, you get **D8F788**, and if you desaturate by 10%, it is **E6F7BA**.

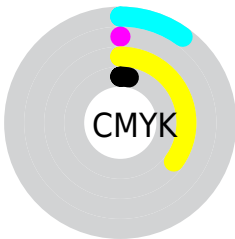
Distribution



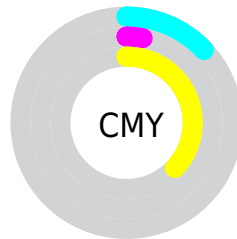
- Red (87%)
- Green (97%)
- Blue (63%)



- Red (63%)
- Yellow (97%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (35%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFF7A1 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 DFF7A1 by changing the saturation by 10% instead.

 DFF7A1

 DFF7A1

FFFFFF

 C3DA86

 FFFFD9

 A7BF6C

 FFFFF5

 8CA453

 71893A

 587022

 3F5706

 274000

 0D2A00

 001600

 DFF7A1

 DFF7A1

 D8F788

 E6F7BA

 D1F770

 EDF7D2

 CAF757

 F4F7EB

 C3F73E

 FBF7FF

 BDF725

 FFF7FF

 B6F70D

 B2F700

Harmonies

Analogous

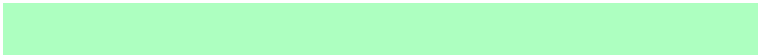
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEA97



DFF7A1



ADFFC0

Triad

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



DFF7A1



6CFDFF



FFCDF0

Complementary

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



DFF7A1



B9A1F7

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.



FFD4FF



DFF7A1



AFF2FF

Square

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



DFF7A1



51FFFF



F0E3FF



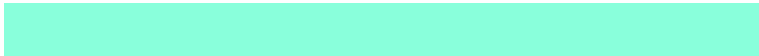
FFD0C6

Rectangle

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



DFF7A1



89FFDB



F0E3FF



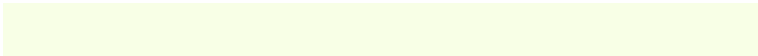
FFCEFF

Sweetspot

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



DFF7A1



F8FFE6



F7B8A1



7B8070



000000



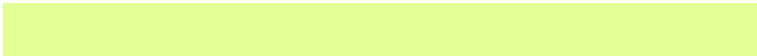
808080

Same Dimension

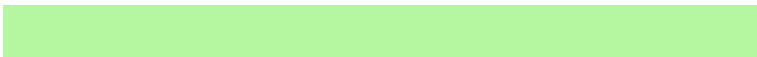
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DFF7A1



E1FF94



B5F7A1



777A6E



86BA00



2A3B00

Inverse Universe

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



B9A1F7



B294FF



E3A1F7



726E7A



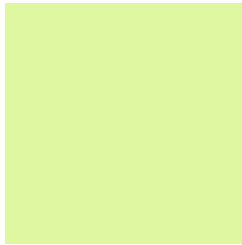
3400BA



10003B

Previews

White Background



This preview shows how the Hex color DFF7A1 looks on a white background.

Color Contrast Check

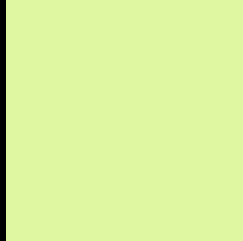
Large Text (above 18pt) WCAG AA × Fail

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 DFF7A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

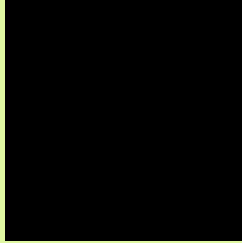
Any Text WCAG AA ✓ Pass

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 DFF7A1 Background



This preview shows how black text looks on a background with the Hex color DFF7A1.

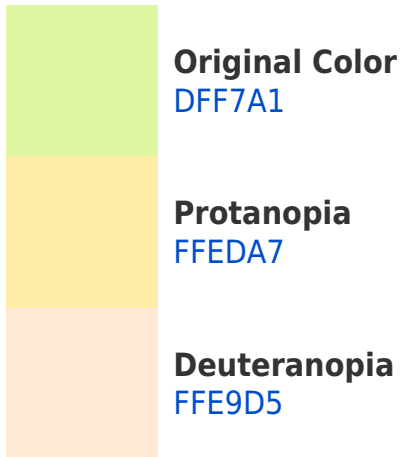


This preview shows how white text looks on a background with the Hex color DFF7A1.

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](#).

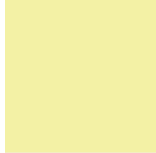
Dichromacy



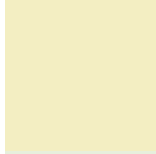
Trichromacy



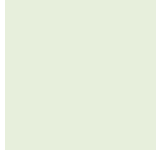
Original Color
DFF7A1



Protanomaly
F3F1A5

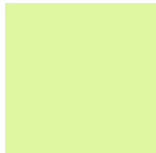


Deuteranomaly
F3EEC2

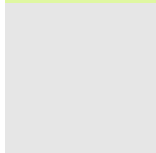


Tritanomaly
E7EFDC

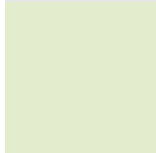
Monochromacy



Original Color
DFF7A1



Achromatopsia
E6E6E6



Achromatomaly
E3ECCD

CSS Examples

Text

The CSS property to change the color of the text to Hex DFF7A1 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 #DFF7A1 looks like.

```
.text, #text, p{  
    color:#DFF7A1  
}
```

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 #DFF7A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFF7A1
}
```

Border

The CSS property to change the border of an element to Hex DFF7A1 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
#DFF7A1 }
```

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

```
.border{ border-color:#DFF7A1 }
```

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

Here you see how a box with a 4 pixel #DFF7A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFF7A1; -webkit-box-shadow:4px 4px  
4px 4px #DFF7A1; box-shadow:4px 4px 4px  
4px #DFF7A1 }
```

Background

The CSS property to change the background color of an element to Hex DFF7A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFF7A1 }
```

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

```
.background{ background-color:#DFF7A1 }
```

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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