

# Converting Colors

Hex(DFF07D)

Have a look what the booklet for  
Hex(DFF07D) contains.

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**Color**

**Hex(DFF07D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFF07D
RGB	223, 240, 125
RGB Percent	87%, 94%, 49%
CMY	0.1255, 0.0588, 0.5098
CMYK	0.07, 0.00, 0.48, 0.06
HSL	69°, 79%, 72%
HSV	69°, 48%, 94%
XYZ	65.2932, 79.4888, 31.3036
YIQ	221.8070, 26.7830, -39.3690

# Conversions

## Conversions Part 2

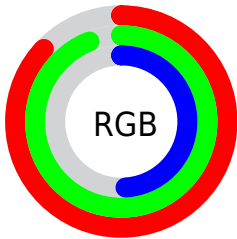
Format	Color
<b>RYB</b>	125, 240, 142
Decimal	14676093
CIELab	91.46, -21.99, 53.27
CIELCh	91, 57.628, 112.433
Yxy	79.4888, 0.3708, 0.4514
Android (android.graphics.Color)	4292866173 (0xFFDFF07D)
YUV	221.8070, -47.7259, 1.0463
Hunter-Lab	89.1565, -25.3006, 41.5923

# Details

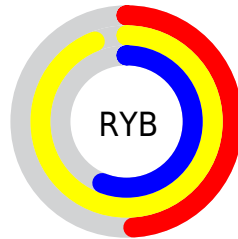
The Hex color **DFF07D** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8E7DF0**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFB4**, and **A6B848** is the 20% darker color. If you saturate the color by 10%, you get **DBF065**, and if you desaturate by 10%, it is **E3F095**.

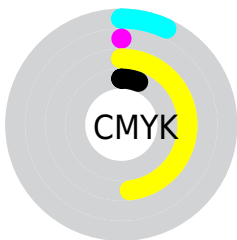
# Distribution



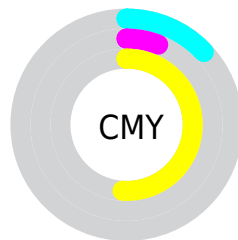
- Red (87%)
- Green (94%)
- Blue (49%)



- Red (49%)
- Yellow (94%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (48%)
- Black (6%)



- Cyan (13%)
- Magenta (6%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFF07D 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 DFF07D by changing the saturation by 10% instead.



 DFF07D

 DFF07D

FFFFFF

 C2D462

 FFFFFB4

 A6B848

 FFFFFD0


 8A9D2D

 FFFFFED

 6F830D

 556A00

 3B5200

 213B00

 042500

 000A00

 DFF07D

 DFF07D

 DBF065

 E3F095

 D8F04D

 E6F0AD

 D4F035

 EAF0C5

 D1F01D

 EDF0DD

 CDF005

 F1F0F5

 CDF000

 F4F0FF

 F8F0FF

 FBF0FF

 FFF0FF

# Harmonies

## Analogous

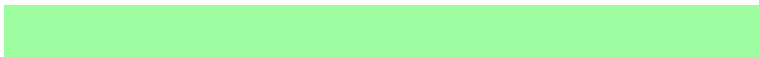
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDF77



DFF07D



9EFCA1

# Triad

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



DFF07D



00DFFF



FFBAF7

# Complementary

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



DFF07D



8E7DF0

# 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.



FFC9FF



DFF07D



69F0FF

# Square

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



DFF07D



00FFFF



D6DDFF



FFBCBF

# Rectangle

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



DFF07D



66FFC3



D6DDFF



FFBEFF



# Sweetspot

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



DFF07D



FAFFDB



F08C7D



7C806A



000000



808080



# Same Dimension

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



DFF07D



E9FF6B



A7F07D



76786C



9CB800



303800



# Inverse Universe

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



8E7DF0



816BFF



C67DF0



6E6C78



1B00B8



080038



# Previews

## White Background



This preview shows how the Hex color DFF07D looks on a white background.

## Color Contrast Check

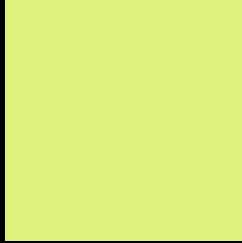
Large Text (above 18pt) WCAG AA × Fail

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 DFF07D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

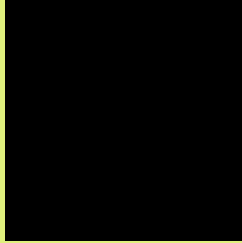
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DFF07D Background



This preview shows how black text looks on a background with the Hex color DFF07D.

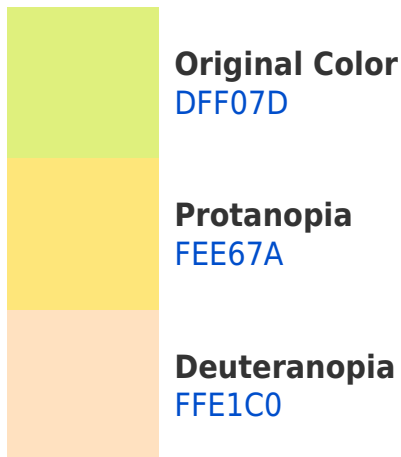


This preview shows how white text looks on a background with the Hex color DFF07D.

# 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**  
EDE3F4

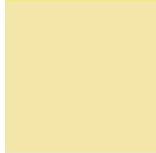
# Trichromacy



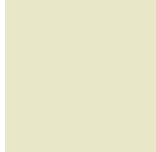
**Original Color**  
DFF07D



**Protanomaly**  
F3EA7B



**Deuteranomaly**  
F3E6A8

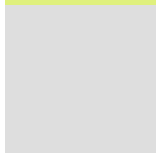


**Tritanomaly**  
E8E8C9

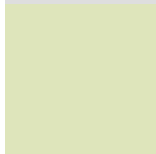
# Monochromacy



**Original Color**  
DFF07D



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
DEE5BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFF07D 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 #DFF07D looks like.

```
.text, #text, p{  
    color:#DFF07D  
}
```

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 #DFF07D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFF07D
}
```

## Border

The CSS property to change the border of an element to Hex DFF07D 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
#DFF07D }
```

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

```
.border{ border-color:#DFF07D }
```

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

Here you see how a box with a 4 pixel #DFF07D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFF07D; -webkit-box-shadow:4px 4px  
4px 4px #DFF07D; box-shadow:4px 4px 4px  
4px #DFF07D }
```

# Background

The CSS property to change the background color of an element to Hex DFF07D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFF07D }
```

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

```
.background{ background-color:#DFF07D }
```

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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