

# Converting Colors

Hex(D3F47C)

Have a look what the booklet for  
Hex(D3F47C) contains.

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# Color

Hex(D3F47C)

# Conversions

## Conversions Part 1

Format	Color
Hex	D3F47C
RGB	211, 244, 124
RGB Percent	83%, 96%, 49%
CMY	0.1725, 0.0431, 0.5137
CMYK	0.14, 0.00, 0.49, 0.04
HSL	77°, 85%, 72%
HSV	77°, 49%, 96%
XYZ	62.8527, 80.0055, 31.1987
YIQ	220.4530, 18.8520, -44.3160

# Conversions

## Conversions Part 2

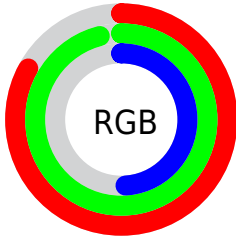
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 244, 157
Decimal	13890684
CIELab	91.69, -28.56, 53.82
CIELCh	92, 60.924, 117.954
Yxy	80.0055, 0.3611, 0.4597
Android (android.graphics.Color)	4292080764 (0xFFD3F47C)
YUV	220.4530, -47.5513, -8.2903
Hunter-Lab	89.4458, -31.0998, 41.9317

# Details

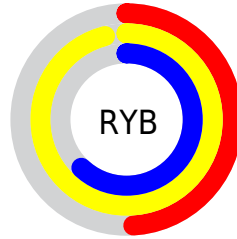
The Hex color **D3F47C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9D7CF4**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFB3**, and **9ABC47** is the 20% darker color. If you saturate the color by 10%, you get **CCF464**, and if you desaturate by 10%, it is **DAF494**.

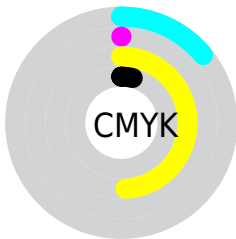
# Distribution



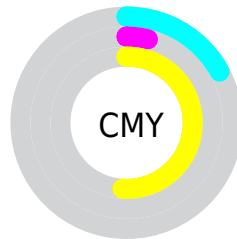
- Red (83%)
- Green (96%)
- Blue (49%)



- Red (49%)
- Yellow (96%)
- Blue (62%)



- Cyan (14%)
- Magenta (0%)
- Yellow (49%)
- Black (4%)



- Cyan (17%)
- Magenta (4%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3F47C 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 D3F47C by changing the saturation by 10% instead.



 D3F47C

 D3F47C

FFFFFF

 B6D861

 FFFFB3

 9ABC47

 FFFFCF

 7FA12C

 FFFFEC

 64860A

 496D00

 305400

 133D00

 002700

 000B00

 D3F47C

 D3F47C

 CCF464

 DAF494

 C6F44B

 E0F4AD

 BFF433

 E7F4C5

 B8F41A

 EE4DE

 B1F402

 F5F4F6

 B1F400

 FBF4FF

 FFF4FF

# Harmonies

## Analogous

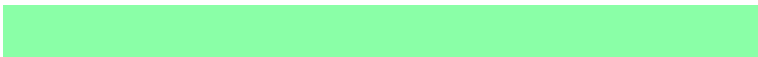
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE36F



D3F47C



8AFFA7

# Triad

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



D3F47C



00FDFD



FFB7EE

# Complementary

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



D3F47C



9D7CF4

# 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.



FFC3FF



D3F47C



77EEFF

# Square

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



D3F47C



00FFFF



E5D9FF



FFBBB3

# Rectangle

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



D3F47C



40FFCD



E5D9FF



FFB9FF



# Sweetspot

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



D3F47C



F4FFD9



F49C7C



798069



000000



808080



# Same Dimension

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



D3F47C



D6FF69



98F47C



777A6E



87BA00



2B3B00



# Inverse Universe

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



9D7CF4



9269FF



D87CF4



726E7A



3300BA



10003B



# Previews

## White Background



This preview shows how the Hex color D3F47C 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 D3F47C 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 D3F47C Background



This preview shows how black text looks on a background with the Hex color D3F47C.



This preview shows how white text looks on a background with the Hex color D3F47C.

# 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



**Original Color**  
D3F47C

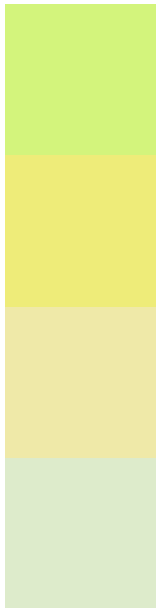
**Protanopia**  
FEE778

**Deuteranopia**  
FFE2C1



**Tritanopia**  
E2E6F8

# Trichromacy



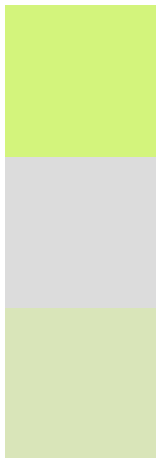
**Original Color**  
D3F47C

**Protanomaly**  
EEEC79

**Deuteranomaly**  
EFE9A8

**Tritanomaly**  
DDEBCB

# Monochromacy



**Original Color**  
D3F47C

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
D9E5B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3F47C 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 #D3F47C looks like.

```
.text, #text, p{  
    color:#D3F47C  
}
```

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 #D3F47C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3F47C
}
```

## Border

The CSS property to change the border of an element to Hex D3F47C 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
#D3F47C }
```

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

```
.border{ border-color:#D3F47C }
```

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

Here you see how a box with a 4 pixel #D3F47C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3F47C; -webkit-box-shadow:4px 4px  
4px 4px #D3F47C; box-shadow:4px 4px 4px  
4px #D3F47C }
```

# Background

The CSS property to change the background color of an element to Hex D3F47C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3F47C }
```

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

```
.background{ background-color:#D3F47C }
```

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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