

Converting Colors

Hex(DCF37F)

Have a look what the booklet for
Hex(DCF37F) contains.

Hex(DCF37F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DCF37F)

Conversions

Conversions Part 1

Format	Color
Hex	DCF37F
RGB	220, 243, 127
RGB Percent	86%, 95%, 50%
CMY	0.1373, 0.0471, 0.5020
CMYK	0.09, 0.00, 0.48, 0.05
HSL	72°, 83%, 73%
HSV	72°, 48%, 95%
XYZ	65.3966, 80.8491, 32.2374
YIQ	222.8990, 23.5280, -40.9520

Conversions

Conversions Part 2

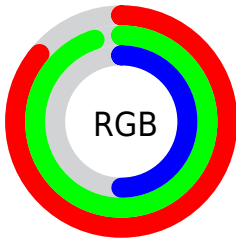
Format	Color
RYB	127, 243, 150
Decimal	14480255
CIELab	92.06, -24.39, 53.02
CIELCh	92, 58.357, 114.700
Yxy	80.8491, 0.3664, 0.4530
Android (android.graphics.Color)	4292670335 (0xFFDC37F)
YUV	222.8990, -47.2782, -2.5424
Hunter-Lab	89.9161, -27.5291, 41.6842

Details

The Hex color **DCF37F** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **967FF3**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFB6**, and **A3BB4A** is the 20% darker color. If you saturate the color by 10%, you get **D7F367**, and if you desaturate by 10%, it is **E1F397**.

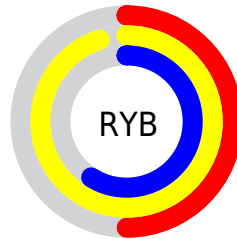
Distribution



Red (86%)

Green (95%)

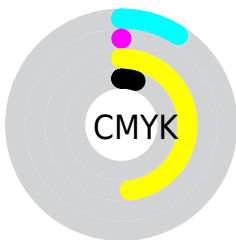
Blue (50%)



Red (50%)

Yellow (95%)

Blue (59%)

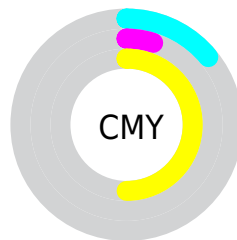


Cyan (9%)

Magenta (0%)

Yellow (48%)

Black (5%)



Cyan (14%)

Magenta (5%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCF37F 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 DCF37F by changing the saturation by 10% instead.

 DCF37F

FFFFFF

 FFFFB6

 FFFFD2

 FFFFEF

 DCF37F

 BFD764

 A3BB4A

 87A02F

 6C8610

 526C00

 395400

 1E3D00

 002700

 000E00

 DCF37F

 DCF37F

 D7F367

 E1F397

 D2F34E

 E6F3B0

 CEF336

 EAF3C8

 C9F31E

 EFF3E0

 C4F306

 F4F3F8

 C3F300

 F9F3FF

 FEF3FF

 FFF3FF

Harmonies

Analogous

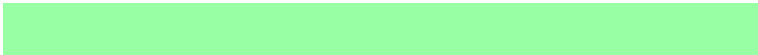
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE276



DCF37F



99FFA5

Triad

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



DCF37F



00FEFF



FFBBF5

Complementary

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



DCF37F



967FF3

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.



FFC8FF



DCF37F



73F1FF

Square

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



DCF37F



00FFFF



DEDDFF



FFBDBC

Rectangle

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



DCF37F



5DFFC9



DEDDFF



FFBEFF

Sweetspot

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



DCF37F



F8FFDB



F3947F



7B806A



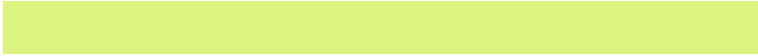
000000



808080

Same Dimension

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



DCF37F



E2FF6E



A4F37F



787A6E



95BA00



2F3B00

Inverse Universe

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



967FF3



8A6EFF



CE7FF3



716E7A



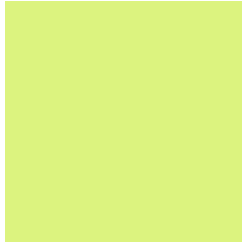
2500BA



0C003B

Previews

White Background



This preview shows how the Hex color DCF37F looks on a white background.

Color Contrast Check

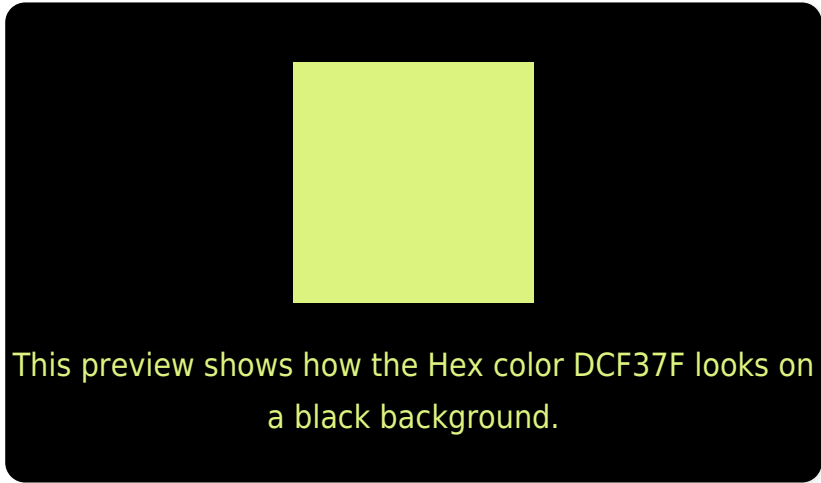
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 DCF37F Background



This preview shows how black text looks on a background with the Hex color DCF37F.

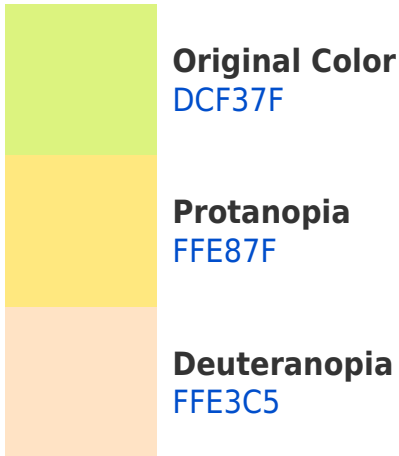


This preview shows how white text looks on a background with the Hex color DCF37F.

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



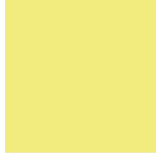


Tritanopia
EAE5F8

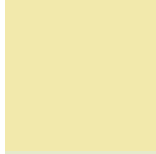
Trichromacy



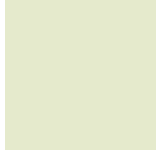
Original Color
DCF37F



Protanomaly
F2EC7F

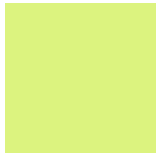


Deuteranomaly
F2E9AC

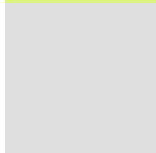


Tritanomaly
E5EACC

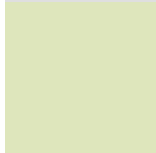
Monochromacy



Original Color
DCF37F



Achromatopsia
DFDFDF



Achromatomaly
DEE6BC

CSS Examples

Text

The CSS property to change the color of the text to Hex DCF37F 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 #DCF37F looks like.

```
.text, #text, p{  
    color:#DCF37F  
}
```

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 #DCF37F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCF37F  
}
```

Border

The CSS property to change the border of an element to Hex DCF37F 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  
#DCF37F }
```

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

```
.border{ border-color:#DCF37F }
```

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

Here you see how a box with a 4 pixel #DCF37F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCF37F; -webkit-box-shadow:4px 4px  
4px 4px #DCF37F; box-shadow:4px 4px 4px  
4px #DCF37F }
```

Background

The CSS property to change the background color of an element to Hex DCF37F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCF37F }
```

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

```
.background{ background-color:#DCF37F }
```

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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