

# Converting Colors

Hex(DEFDF7)

Have a look what the booklet for  
Hex(DEFDF7) contains.

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# **Color**

**Hex(DEFDF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEFDF7
RGB	222, 253, 247
RGB Percent	87%, 99%, 97%
CMY	0.1294, 0.0078, 0.0314
CMYK	0.12, 0.00, 0.02, 0.01
HSL	168°, 89%, 93%
HSV	168°, 12%, 99%
XYZ	82.0380, 92.4956, 101.5253
YIQ	243.0470, -16.5500, -8.4380

# Conversions

## Conversions Part 2

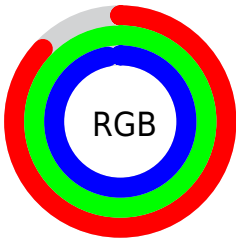
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	222, 239, 253
Decimal	14614007
CIE Lab	97.02, -11.11, -0.52
CIE LCh	97, 11.118, 182.697
Yxy	92.4956, 0.2972, 0.3351
Android (android.graphics.Color)	4292804087 (0xFFDEFDF7)
YUV	243.0470, 1.9488, -18.4582
Hunter-Lab	96.1746, -16.0431, 4.7336

# Details

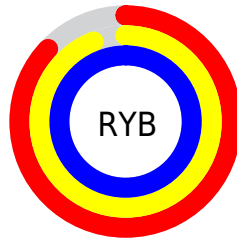
The Hex color **DEFDF7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FDDEE4**, and the grayscale version is **F3F3F3**.

A 20% lighter version of the original color is **FFFFFF**, and **A7C4BF** is the 20% darker color. If you saturate the color by 10%, you get **C5DFD2**, and if you desaturate by 10%, it is **F7FDFC**.

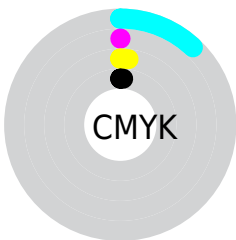
# Distribution



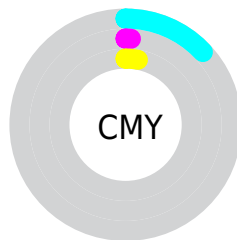
- Red (87%)
- Green (99%)
- Blue (97%)



- Red (87%)
- Yellow (94%)
- Blue (99%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (13%)
- Magenta (1%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEFDF7 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 DEFDF7 by changing the saturation by 10% instead.



 DEFDF7

FFFFFF

 DEFDF7

 C2E0DB

 A7C4BF


 8CA9A4

 728F89

 597570

 425C58

 2B4540

 152E2A

 001A16

 DEFDF7

 DEFDF7

 C5FDF2

 F7FDFC

 ABFDED

 FFFDFF

 92FDE8

 79FDE3

 60FDDF

 46FDDA

 2DFDD5

 14FDD0

 00FDCC

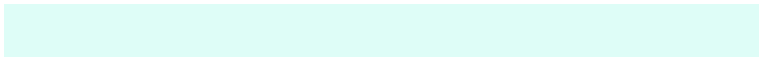
# Harmonies

## Analogous

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



E6FCEC



DEFDF7



DCFCFF

# Triad

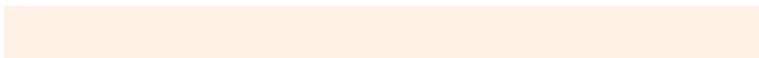
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEFDF7



FAF3FF



FFF2E4

# Complementary

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



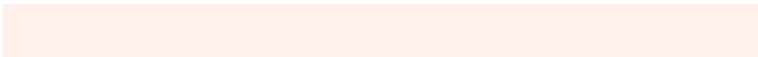
DEFDF7



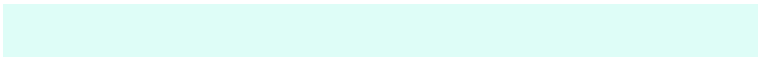
FDDEE4

# 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.



FFF0EB



DEFDF7



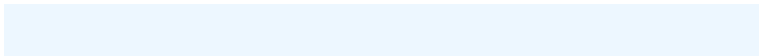
FFF1FF

# Square

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



DEFDF7



EDF7FF



FFEFF6



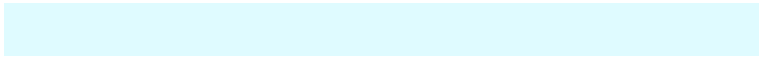
FFF6E1

# Rectangle

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



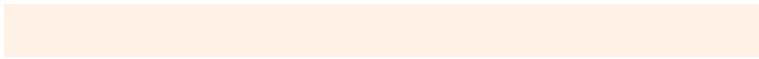
DEFDF7



DFFBFF



FFEFF6



FFF1E6



# Sweetspot

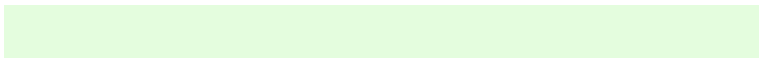
The Sweet Spot groups the original color and five complimentary colors.



DEFDF7



F5FFFD



E4FDDE



79807E



000000



808080



# Same Dimension

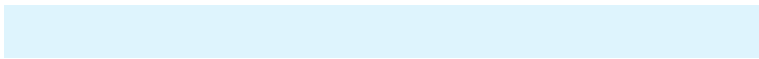
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEFDF7



D9FFF8



DEF4FD



73807D



00BF9A



004033



# Inverse Universe

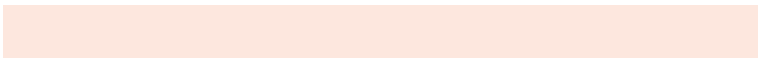
The Inverse Universe completely reimagines the original color for something new.



FDDEE4



FFD9E0



FDE7DE



807375



BF0025

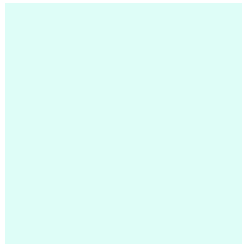


40000C



# Previews

## White Background



This preview shows how the Hex color DEFDF7 looks on a white background.

## Color Contrast Check

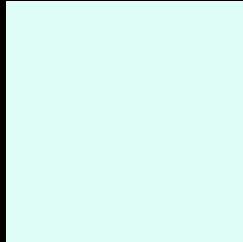
Large Text (above 18pt) WCAG AA × Fail

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 DEFDF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

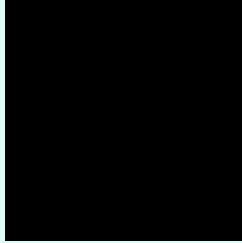
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

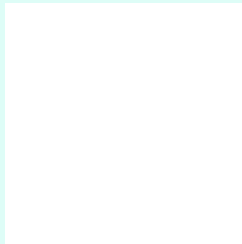
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEFDF7 Background



This preview shows how black text looks on a background with the Hex color DEFDF7.

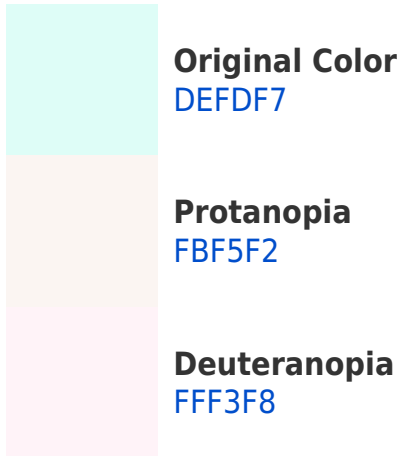


This preview shows how white text looks on a background with the Hex color DEFDF7.

# 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



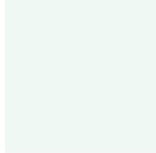


**Tritanopia**  
EFF7FF

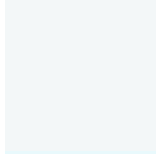
# Trichromacy



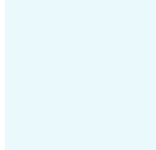
**Original Color**  
DEFDF7



**Protanomaly**  
F0F8F4



**Deuteranomaly**  
F3F7F8

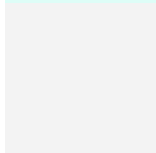


**Tritanomaly**  
E9F9FC

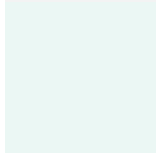
# Monochromacy



**Original Color**  
DEFDF7



**Achromatopsia**  
F3F3F3



**Achromatomaly**  
EBF7F4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEFDF7 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 #DEFDF7 looks like.

```
.text, #text, p{  
    color:#DEFDF7  
}
```

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 #DEFDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEFDF7 }
}
```

## Border

The CSS property to change the border of an element to Hex DEFDF7 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 #DEFDF7 }
}
```

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

```
.border{ border-color:#DEFDF7 }
```

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

Here you see how a box with a 4 pixel #DEFDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEFDF7; -webkit-box-shadow:4px 4px  
4px 4px #DEFDF7; box-shadow:4px 4px 4px  
4px #DEFDF7 }
```

# Background

The CSS property to change the background color of an element to Hex DEFDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEFDF7 }
```

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

```
.background{ background-color:#DEFDF7 }
```

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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