

# Converting Colors

Hex(DEF7BC)

Have a look what the booklet for  
Hex(DEF7BC) contains.

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# Color

**Hex(DEF7BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEF7BC
RGB	222, 247, 188
RGB Percent	87%, 97%, 74%
CMY	0.1294, 0.0314, 0.2627
CMYK	0.10, 0.00, 0.24, 0.03
HSL	85°, 79%, 85%
HSV	85°, 24%, 97%
XYZ	72.4621, 85.6820, 60.2961
YIQ	232.7990, 4.0390, -23.6490

# Conversions

## Conversions Part 2

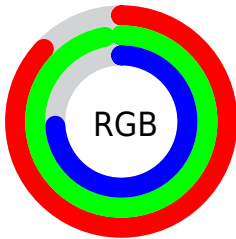
Format	Color
<b>RYB</b>	188, 247, 213
Decimal	14612412
CIELab	94.18, -18.13, 25.72
CIELCh	94, 31.469, 125.180
Yxy	85.6820, 0.3317, 0.3922
Android (android.graphics.Color)	4292802492 (0xFFDEF7BC)
YUV	232.7990, -22.0859, -9.4707
Hunter-Lab	92.5646, -22.2533, 26.1740

# Details

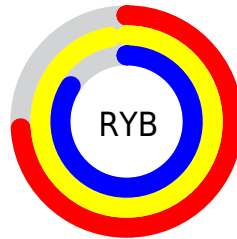
The Hex color **DEF7BC** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D5BCF7**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFF4**, and **A6BF86** is the 20% darker color. If you saturate the color by 10%, you get **D4F7A3**, and if you desaturate by 10%, it is **E8F7D5**.

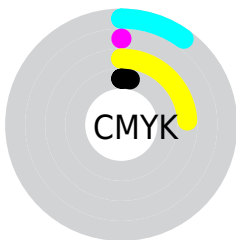
# Distribution



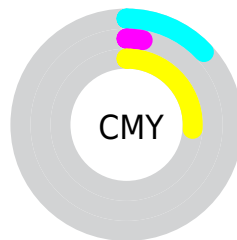
- Red (87%)
- Green (97%)
- Blue (74%)



- Red (74%)
- Yellow (97%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEF7BC 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 DEF7BC by changing the saturation by 10% instead.



 DEF7BC

FFFFFFF

 FFFFFF4

 DEF7BC

 C2DAA1

 A6BF86


 8CA36D

 728954

 59703C

 405726

 294010

 152A00

 001700

 DEF7BC

 DEF7BC

 D4F7A3

 E8F7D5

 C9F78B

 F3F7ED

 BFF772

 FDF7FF

 B4F759

 FFF7FF

 AAF741

 9FF728

 95F70F

 8EF700

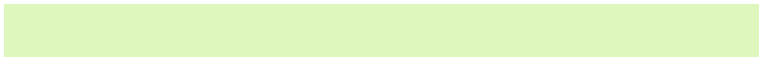
# Harmonies

## Analogous

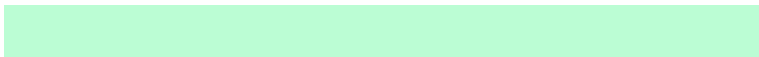
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEEB2



DEF7BC



BBFDD4

# Triad

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



DEF7BC



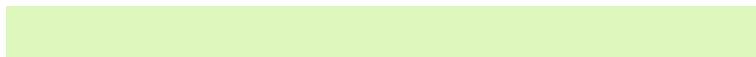
AAF8FF



FFD8EA

# Complementary

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



DEF7BC



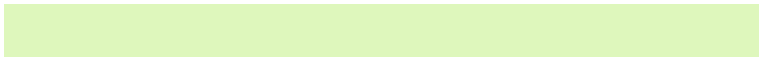
D5BCF7

# Split Complementary

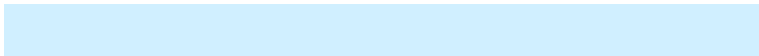
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFDCFF



DEF7BC



D0EFFF

# Square

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



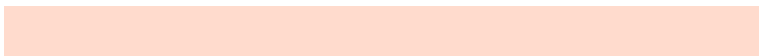
DEF7BC



96FEFF



FAE5FF



FFDBCD

# Rectangle

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



DEF7BC



A7FFE8



FAE5FF



FFD9F4



# Sweetspot

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



DEF7BC



F7FFED



F7D5BC



7B8075



000000

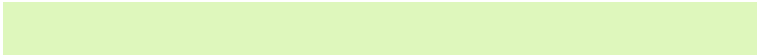


808080

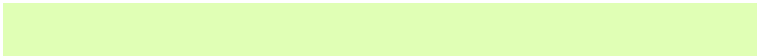


# Same Dimension

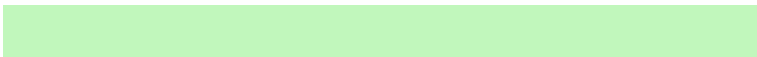
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEF7BC



E0FFB5



C1F7BC



757A6E



6BBA00



223B00



# Inverse Universe

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



D5BCF7



D4B5FF



F2BCF7



736E7A



4F00BA

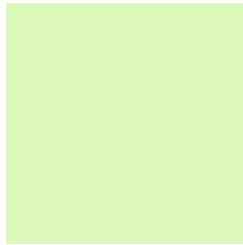


19003B



# Previews

## White Background



This preview shows how the Hex color DEF7BC 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 DEF7BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

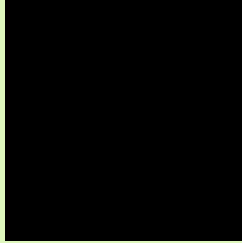
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

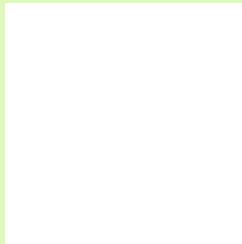
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEF7BC Background



This preview shows how black text looks on a background with the Hex color DEF7BC.

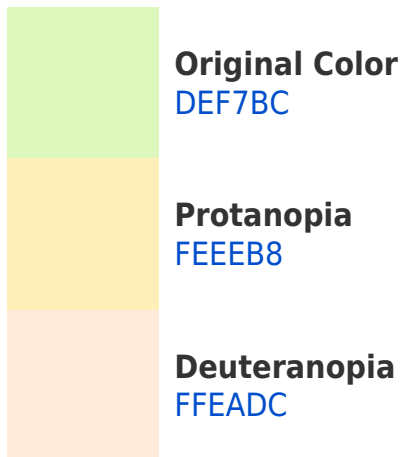


This preview shows how white text looks on a background with the Hex color DEF7BC.

# 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



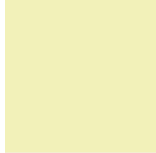


**Tritanopia**  
E9EEFF

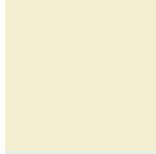
# Trichromacy



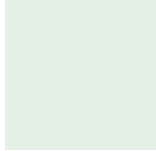
**Original Color**  
DEF7BC



**Protanomaly**  
F2F1B9

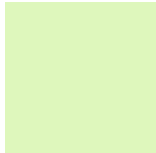


**Deuteranomaly**  
F3EFD0

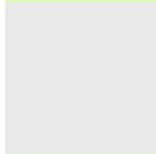


**Tritanomaly**  
E5F1E7

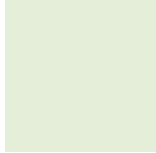
# Monochromacy



**Original Color**  
DEF7BC



**Achromatopsia**  
E9E9E9



**Achromatomaly**  
E5EED9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEF7BC 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 #DEF7BC looks like.

```
.text, #text, p{  
    color:#DEF7BC  
}
```

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 #DEF7BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF7BC
}
```

## Border

The CSS property to change the border of an element to Hex DEF7BC 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
#DEF7BC }
```

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

```
.border{ border-color:#DEF7BC }
```

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

Here you see how a box with a 4 pixel #DEF7BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF7BC; -webkit-box-shadow:4px 4px  
4px 4px #DEF7BC; box-shadow:4px 4px 4px  
4px #DEF7BC }
```

# Background

The CSS property to change the background color of an element to Hex DEF7BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF7BC }
```

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

```
.background{ background-color:#DEF7BC }
```

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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