

# Converting Colors

Hex(DBEF7F)

Have a look what the booklet for  
Hex(DBEF7F) contains.

<b>Hex(DBEF7F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DBEF7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBEF7F
RGB	219, 239, 127
RGB Percent	86%, 94%, 50%
CMY	0.1412, 0.0627, 0.5020
CMYK	0.08, 0.00, 0.47, 0.06
HSL	71°, 78%, 72%
HSV	71°, 47%, 94%
XYZ	63.9107, 78.3254, 31.8285
YIQ	220.2520, 24.0320, -39.0720

# Conversions

## Conversions Part 2

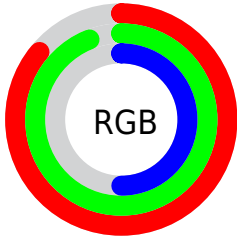
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 239, 147</a>
Decimal	<a href="#">14413695</a>
CIELab	<a href="#">90.93, -22.86, 51.62</a>
CIElCh	<a href="#">91, 56.458, 113.881</a>
Yxy	<a href="#">78.3254, 0.3672, 0.4500</a>
Android (android.graphics.Color)	<a href="#">4292603775 (0xFFDBEF7F)</a>
YUV	<a href="#">220.2520, -45.9732, -1.0980</a>
Hunter-Lab	<a href="#">88.5016, -25.9756, 40.6282</a>

# Details

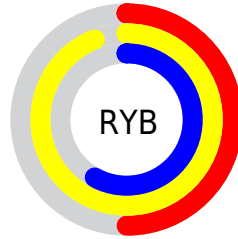
The Hex color **DBEF7F** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **937FEF**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFB6**, and **A2B74A** is the 20% darker color. If you saturate the color by 10%, you get **D7EF67**, and if you desaturate by 10%, it is **DFEF97**.

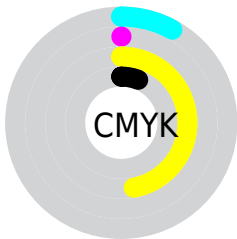
# Distribution



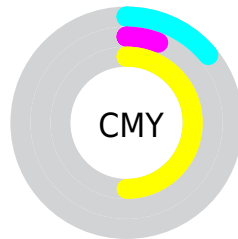
- Red (86%)
- Green (94%)
- Blue (50%)



- Red (50%)
- Yellow (94%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (47%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBEF7F 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 DBEF7F by changing the saturation by 10% instead.



 DBEF7F

 DBEF7F

FFFFFF

 BED364

 FFFFB6

 A2B74A

 FFFFD2

 879C30

 FFFFEE

 6C8212

 516900

 385100

 1E3A00

 002400

 000600

 DBEF7F

 DBEF7F

 D7EF67

 DFEF97

 D2EF4F

 E4EFAF

 CEEF37

 E8EFC7

 CAEF1F

 ECEFD7

 C6EF07

 F0EFF7

 C4EF00

 F5EFFF

 F9EFFF

 FDEFFF

 FFEFFF

# Harmonies

## Analogous

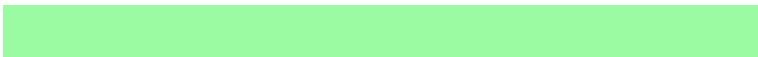
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDE78



DBEF7F



9BFBA3

# Triad

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



DBEF7F



00FBFF



FFBAF2

# Complementary

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



DBEF7F



937FEF

# 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.



FFC7FF



DBEF7F



73EEFF

# Square

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



DBEF7F



00FFFF



D9DBFF



FFBCBC

# Rectangle

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



DBEF7F



64FFC5



D9DBFF



FFBDFF

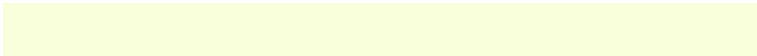


# Sweetspot

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



DBEF7F



F9FFDB



EF927F



7C806A



000000



808080



# Same Dimension

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



DBEF7F



E5FF70



A4EF7F



76786C



97B800



2E3800



# Inverse Universe

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



937FEF



8A70FF



CA7FEF



6E6C78



2100B8



0A0038



# Previews

## White Background



This preview shows how the Hex color DBEF7F looks on a white background.

## Color Contrast Check

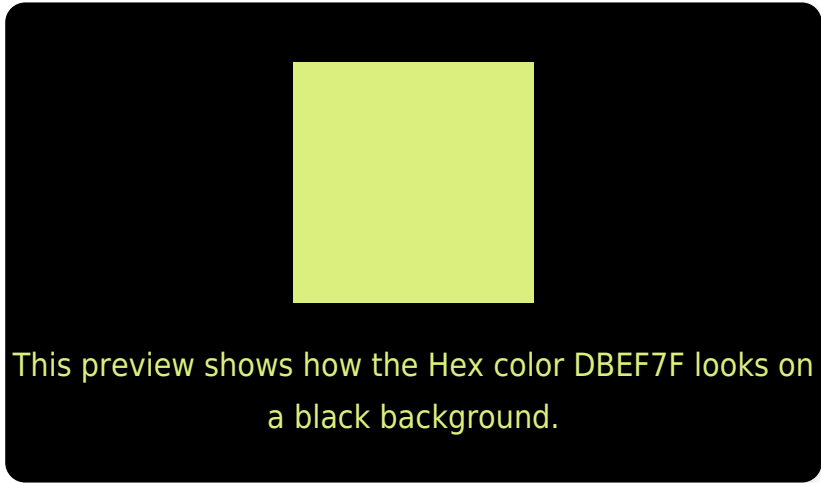
Large Text (above 18pt) WCAG AA × Fail

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

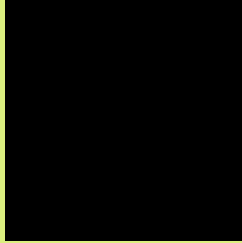
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBEF7F Background



This preview shows how black text looks on a background with the Hex color DBEF7F.

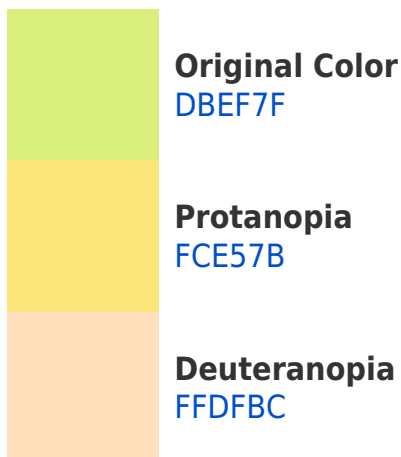


This preview shows how white text looks on a background with the Hex color DBEF7F.

# 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



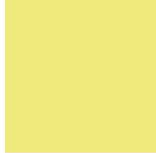


**Tritanopia**  
E9E2F4

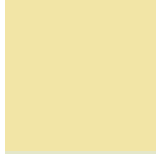
# Trichromacy



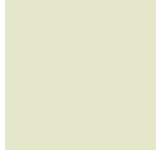
**Original Color**  
DBEF7F



**Protanomaly**  
F0E97C



**Deuteranomaly**  
F2E5A6

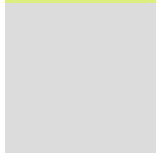


**Tritanomaly**  
E4E7C9

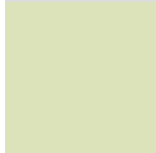
# Monochromacy



**Original Color**  
DBEF7F



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
DCE3BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBEF7F 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 #DBEF7F looks like.

```
.text, #text, p{  
    color:#DBEF7F  
}
```

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 #DBEF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBEF7F  
}
```

## Border

The CSS property to change the border of an element to Hex DBEF7F 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  
#DBEF7F }
```

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

```
.border{ border-color:#DBEF7F }
```

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

Here you see how a box with a 4 pixel #DBEF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBEF7F; -webkit-box-shadow:4px 4px  
4px 4px #DBEF7F; box-shadow:4px 4px 4px  
4px #DBEF7F }
```

# Background

The CSS property to change the background color of an element to Hex DBEF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBEF7F }
```

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

```
.background{ background-color:#DBEF7F }
```

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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