

# Converting Colors

Hex(DBEA8F)

Have a look what the booklet for  
Hex(DBEA8F) contains.

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# Color

Hex(DBEA8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	DBEA8F
RGB	219, 234, 143
RGB Percent	86%, 92%, 56%
CMY	0.1412, 0.0824, 0.4392
CMYK	0.06, 0.00, 0.39, 0.08
HSL	70°, 68%, 74%
HSV	70°, 39%, 92%
XYZ	63.5942, 75.8889, 37.2828
YIQ	219.1410, 20.2710, -31.4810

# Conversions

## Conversions Part 2

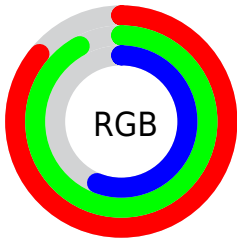
Format	Color
<a href="#">RYB</a>	<a href="#">143, 234, 158</a>
Decimal	<a href="#">14412431</a>
CIELab	<a href="#">89.81, -18.75, 42.51</a>
CIElCh	<a href="#">90, 46.459, 113.803</a>
Yxy	<a href="#">75.8889, 0.3598, 0.4293</a>
Android (android.graphics.Color)	<a href="#">4292602511 (0xFFDBEA8F)</a>
YUV	<a href="#">219.1410, -37.5375, -0.1237</a>
Hunter-Lab	<a href="#">87.1142, -22.1433, 35.6052</a>

# Details

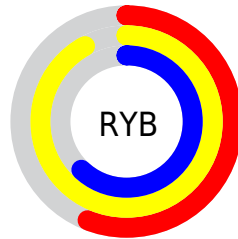
The Hex color **DBEA8F** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9E8FEA**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFC6**, and **A3B25B** is the 20% darker color. If you saturate the color by 10%, you get **D7EA78**, and if you desaturate by 10%, it is **DFEAA6**.

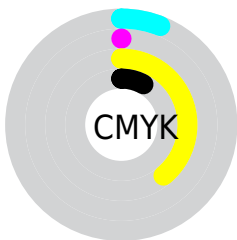
# Distribution



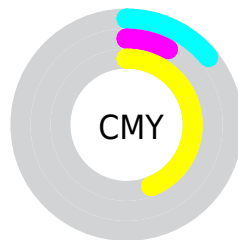
- Red (86%)
- Green (92%)
- Blue (56%)



- Red (56%)
- Yellow (92%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (39%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBEA8F 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 DBEA8F by changing the saturation by 10% instead.



 DBEA8F

FFFFFF

 FFFFC6

 FFFFE2

 DBEA8F

 BFCE75

 A3B25B


 889842

 6D7E29

 53650D

 3A4D00

 223600

 062100

 000000

 DBEA8F

 DBEA8F

 D7EA78

 DFEEA6

 D3EA60

 E3EABE

 CFEEA9

 E7EAD5

 CCEA31

 EAEAED

 C8EA1A

 EEEAFF

 C4EA03

 F2E AFF

 C3EA00

 F6E AFF

 FAE AFF

 FEE AFF

# Harmonies

## Analogous

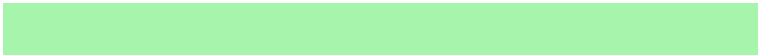
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDC89



DBEA8F



A7F4AC

# Triad

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



DBEA8F



41F4FF



FFC0ED

# Complementary

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



DBEA8F



9E8FEA

# 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.



FFCAFF



DBEA8F



91E9FF

# Square

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



DBEA8F



2BF9FF



DADAFF



FFC1C0

# Rectangle

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



DBEA8F



81F8C8



DADAFF



FFC2FC

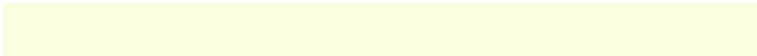


# Sweetspot

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



DBEA8F



FAFFE0



EA9D8F



7D806E



000000



808080



# Same Dimension

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



DBEA8F



EBFF87



AFEA8F



73756A



97B500



2D3600



# Inverse Universe

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



9E8FEA



9B87FF



CA8FEA



6C6A75



1E00B5

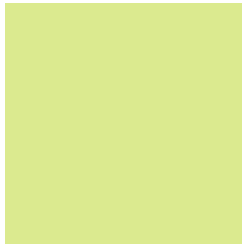


090036



# Previews

## White Background



This preview shows how the Hex color DBEA8F looks on a white background.

## Color Contrast Check

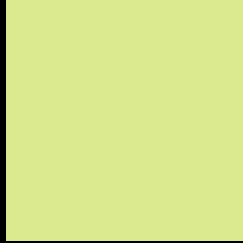
Large Text (above 18pt) WCAG AA × Fail

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 DBEA8F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

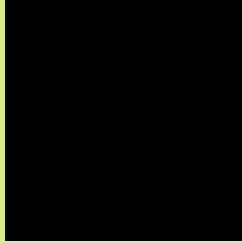
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DBEA8F Background



This preview shows how black text looks on a background with the Hex color DBEA8F.

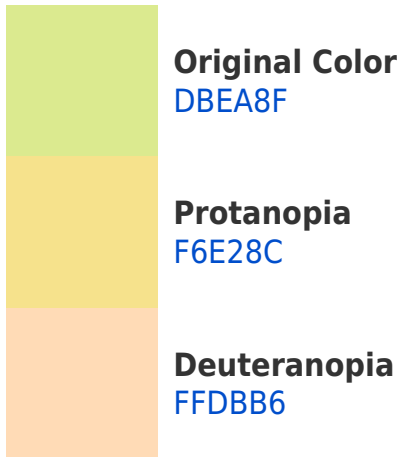


This preview shows how white text looks on a background with the Hex color DBEA8F.

# 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](#).

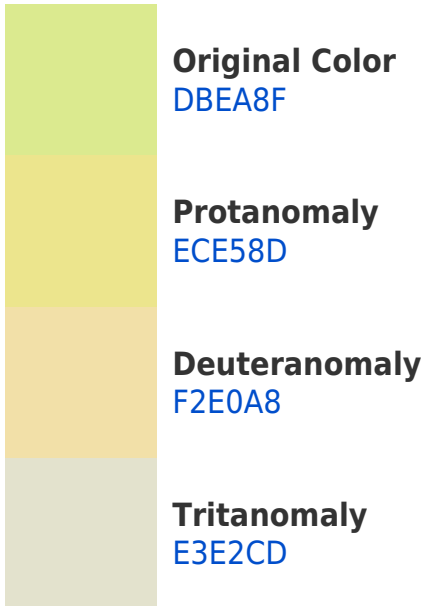
## Dichromacy



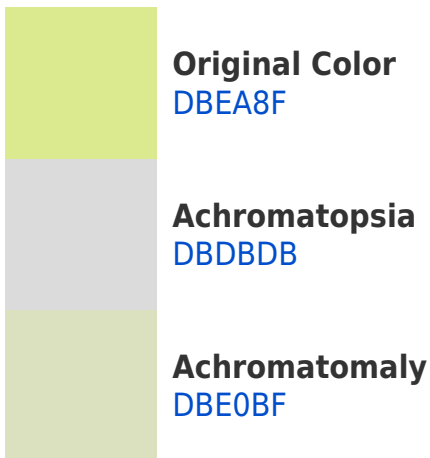


**Tritanopia**  
E7DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBEA8F 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 #DBEA8F looks like.

```
.text, #text, p{  
    color:#DBEA8F  
}
```

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 #DBEA8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBEA8F
}
```

## Border

The CSS property to change the border of an element to Hex DBEA8F 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
#DBEA8F }
```

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

```
.border{ border-color:#DBEA8F }
```

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

Here you see how a box with a 4 pixel #DBEA8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBEA8F; -webkit-box-shadow:4px 4px  
4px 4px #DBEA8F; box-shadow:4px 4px 4px  
4px #DBEA8F }
```

# Background

The CSS property to change the background color of an element to Hex DBEA8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBEA8F }
```

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

```
.background{ background-color:#DBEA8F }
```

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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