

# Converting Colors

Hex(DFE8B7)

Have a look what the booklet for  
Hex(DFE8B7) contains.

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# **Color**

**Hex(DFE8B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFE8B7
RGB	223, 232, 183
RGB Percent	87%, 91%, 72%
CMY	0.1255, 0.0902, 0.2824
CMYK	0.04, 0.00, 0.21, 0.09
HSL	71°, 52%, 81%
HSV	71°, 21%, 91%
XYZ	67.8353, 76.8201, 56.0522
YIQ	223.7230, 10.3650, -17.1470

# Conversions

## Conversions Part 2

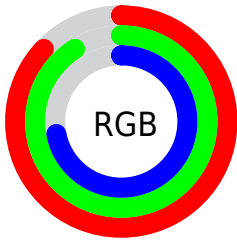
Format	Color
<a href="#">RYB</a>	<a href="#">183, 232, 192</a>
Decimal	<a href="#">14674103</a>
CIELab	<a href="#">90.24, -11.10, 22.88</a>
CIELCh	<a href="#">90, 25.428, 115.871</a>
Yxy	<a href="#">76.8201, 0.3380, 0.3827</a>
Android (android.graphics.Color)	<a href="#">4292864183 (0xFFDFE8B7)</a>
YUV	<a href="#">223.7230, -20.0764, -0.6341</a>
Hunter-Lab	<a href="#">87.6471, -15.2306, 23.4357</a>

# Details

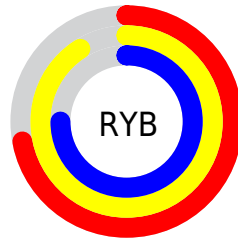
The Hex color **DFE8B7** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C0B7E8**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **A7B082** is the 20% darker color. If you saturate the color by 10%, you get **DBE8A0**, and if you desaturate by 10%, it is **E3E8CE**.

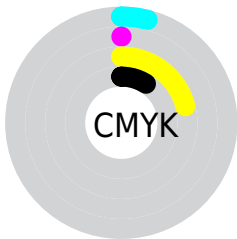
# Distribution



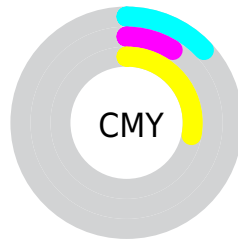
- Red (87%)
- Green (91%)
- Blue (72%)



- Red (72%)
- Yellow (91%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFE8B7 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 DFE8B7 by changing the saturation by 10% instead.



 DFE8B7

FFFFFF

 FFFFEF

 DFE8B7

 C3CC9C

 A7B082


 8D9668

 737C50

 5A6339

 424B22

 2B350D

 171F00

 000200

 DFE8B7

 DFE8B7

 DBE8A0

 E3E8CE

 D6E889

 E8E8E5

 D2E871

 ECE8FD

 CEE85A

 F0E8FF

 CAE843

 F4E8FF

 C5E82C

 F9E8FF

 C1E815

 FDE8FF

 BDE800

 FFE8FF

# Harmonies

## Analogous

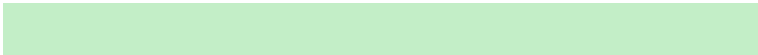
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F9E0B3



DFE8B7



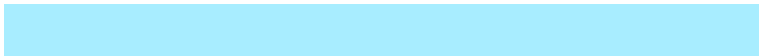
C3EEC7

# Triad

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



DFE8B7



A8EDFF



FFD2E7

# Complementary

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



DFE8B7



C0B7E8

# Split Complementary

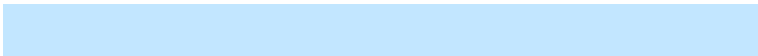
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD6FF



DFE8B7



C2E6FF

# Square

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



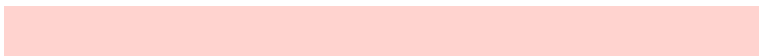
DFE8B7



A0F1F7



E3DEFF



FFD3CF

# Rectangle

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



DFE8B7



B2F0D6



E3DEFF



FFD3F0



# Sweetspot

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



DFE8B7



FCFFF0



E8C0B7



7E8077



000000



808080

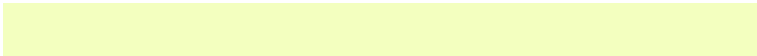


# Same Dimension

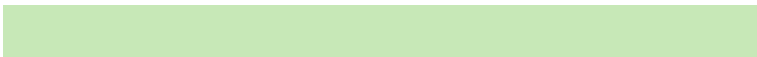
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DFE8B7



F3FFBF



C7E8B7



717367



92B300



2A3300



# Inverse Universe

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



C0B7E8



CBBFFF



D8B7E8



696773



2100B3

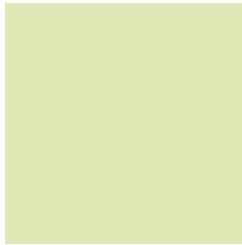


090033



# Previews

## White Background



This preview shows how the Hex color DFE8B7 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 DFE8B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

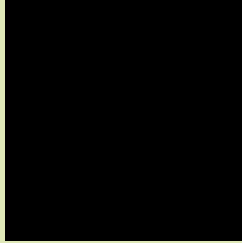
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

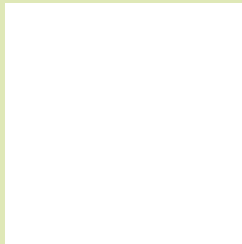
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DFE8B7 Background



This preview shows how black text looks on a background with the Hex color DFE8B7.

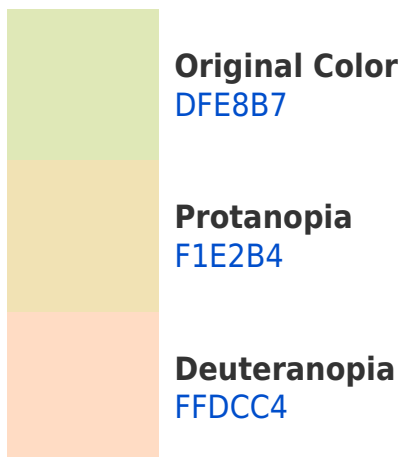


This preview shows how white text looks on a background with the Hex color DFE8B7.

# 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](#).

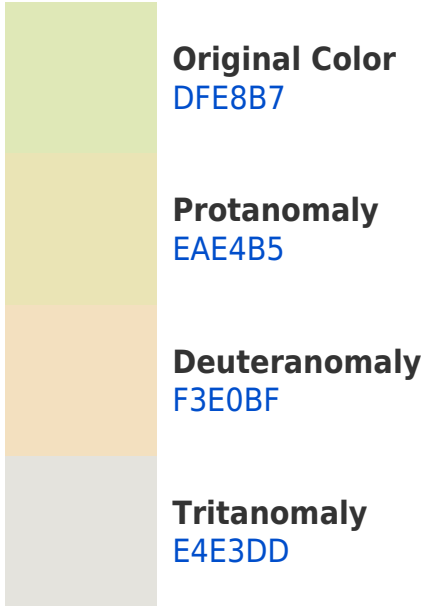
## Dichromacy



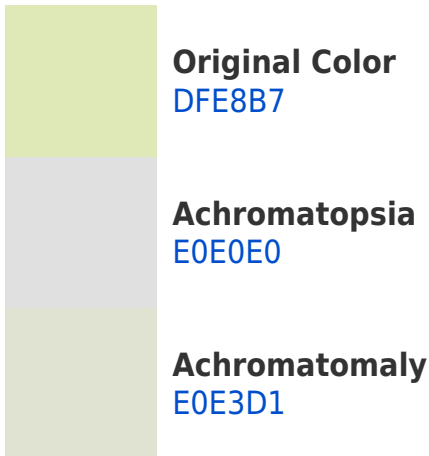


**Tritanopia**  
E7E0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFE8B7 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 #DFE8B7 looks like.

```
.text, #text, p{  
    color:#DFE8B7  
}
```

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 #DFE8B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE8B7
}
```

## Border

The CSS property to change the border of an element to Hex DFE8B7 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
#DFE8B7 }
```

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

```
.border{ border-color:#DFE8B7 }
```

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

Here you see how a box with a 4 pixel #DFE8B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE8B7; -webkit-box-shadow:4px 4px  
4px 4px #DFE8B7; box-shadow:4px 4px 4px  
4px #DFE8B7 }
```

# Background

The CSS property to change the background color of an element to Hex DFE8B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE8B7 }
```

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

```
.background{ background-color:#DFE8B7 }
```

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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