

# Converting Colors

Hex(DFE9BA)

Have a look what the booklet for  
Hex(DFE9BA) contains.

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# **Color**

**Hex(DFE9BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DFE9BA
RGB	223, 233, 186
RGB Percent	87%, 91%, 73%
CMY	0.1255, 0.0863, 0.2706
CMYK	0.04, 0.00, 0.20, 0.09
HSL	73°, 52%, 82%
HSV	73°, 20%, 91%
XYZ	68.4333, 77.5110, 57.8087
YIQ	224.6520, 9.1270, -16.7370

# Conversions

## Conversions Part 2

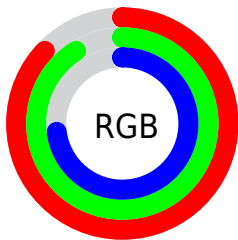
Format	Color
R <sub>YB</sub>	186, 233, 196
Decimal	14674362
CIE Lab	90.56, -11.16, 21.77
CIE LCh	91, 24.462, 117.131
Yxy	77.5110, 0.3359, 0.3804
Android (android.graphics.Color)	4292864442 (0xFFDFE9BA)
YUV	224.6520, -19.0554, -1.4488
Hunter-Lab	88.0403, -15.3235, 22.6975

# Details

The Hex color **DFE9BA** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **C4BAE9**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFF2**, and **A8B185** is the 20% darker color. If you saturate the color by 10%, you get **DAE9A3**, and if you desaturate by 10%, it is **E4E9D1**.

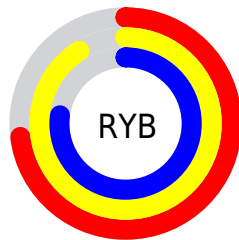
# Distribution



Red (87%)

Green (91%)

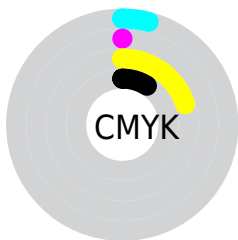
Blue (73%)



Red (73%)

Yellow (91%)

Blue (77%)

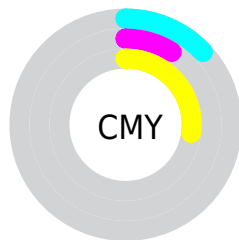


Cyan (4%)

Magenta (0%)

Yellow (20%)

Black (9%)



Cyan (13%)

Magenta (9%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFE9BA 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 DFE9BA by changing the saturation by 10% instead.



 DFE9BA

FFFFFF

 FFFFF2

 DFE9BA

 C3CD9F

 A8B185

 8D976B

 737D53

 5A643B

 424C25

 2B3510

 172000

 000400

 DFE9BA

 DFE9BA

 DAE9A3

 E4E9D1

 D5E98B

 E9E9E9

 D0E974

 EEE9FF

 CBE95D

 F3E9FF

 C6E945

 F8E9FF

 C1E92E

 FDE9FF

 BCE917

 FFE9FF

 B7E900

# Harmonies

## Analogous

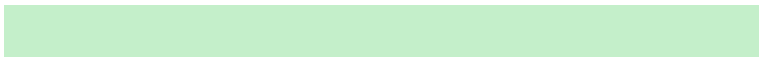
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F8E2B5



DFE9BA



C4EFCA

# Triad

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



DFE9BA



ADEDFE



FFD4E7

# Complementary

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



DFE9BA



C4BAE9

# Split Complementary

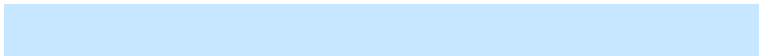
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD8FE



DFE9BA



C6E7FF

# Square

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



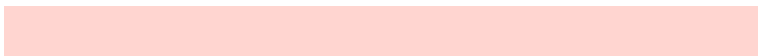
DFE9BA



A4F1F8



E5DFFF



FFD5D0

# Rectangle

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



DFE9BA



B4F1D9



E5DFFF



FFD4EF



# Sweetspot

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



DFE9BA



FCFFF0



E9C3BA



7E8077



000000



808080

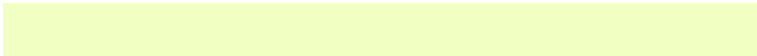


# Same Dimension

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



DFE9BA



F2FFC2



C8E9BA



73756A



8FB500



2A3600



# Inverse Universe

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



C4BAE9



CFC2FF



DBBAE9



6C6A75



2700B5

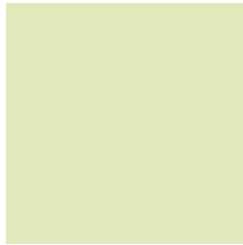


0B0036



# Previews

## White Background



This preview shows how the Hex color DFE9BA looks on a white background.

## Color Contrast Check

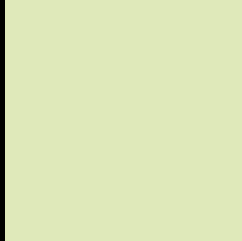
Large Text (above 18pt) WCAG AA × Fail

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 DFE9BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

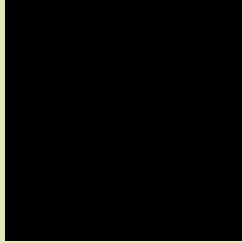
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

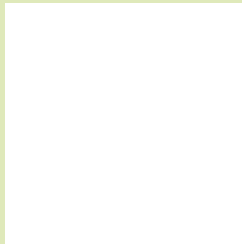
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DFE9BA Background



This preview shows how black text looks on a background with the Hex color DFE9BA.

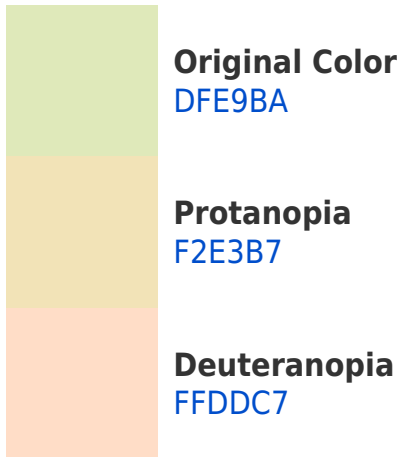


This preview shows how white text looks on a background with the Hex color DFE9BA.

# 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](#).

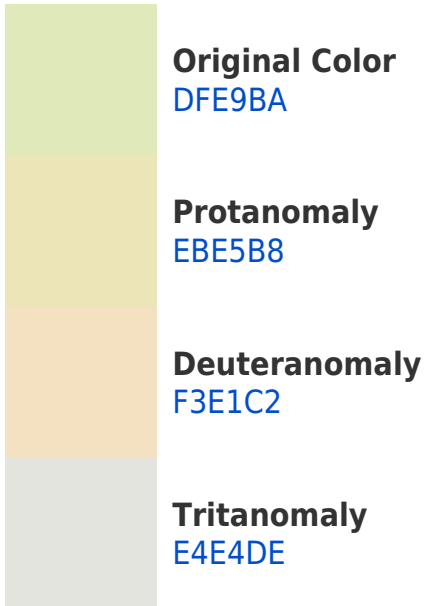
## Dichromacy



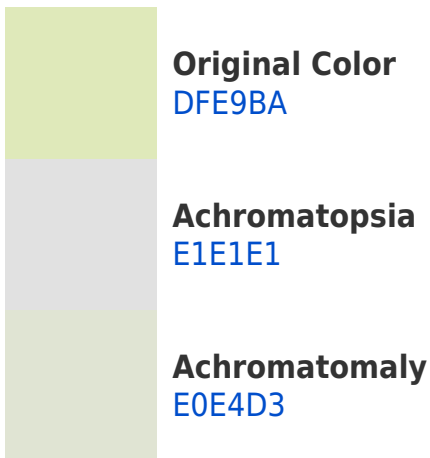


**Tritanopia**  
E7E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFE9BA 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 #DFE9BA looks like.

```
.text, #text, p{  
    color:#DFE9BA  
}
```

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 #DFE9BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE9BA }  
}
```

## Border

The CSS property to change the border of an element to Hex DFE9BA 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 #DFE9BA }  
}
```

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

```
.border{ border-color:#DFE9BA }
```

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

Here you see how a box with a 4 pixel #DFE9BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE9BA; -webkit-box-shadow:4px 4px  
4px 4px #DFE9BA; box-shadow:4px 4px 4px  
4px #DFE9BA }
```

# Background

The CSS property to change the background color of an element to Hex DFE9BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE9BA }
```

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

```
.background{ background-color:#DFE9BA }
```

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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