

# Converting Colors

Hex(DFE3C3)

Have a look what the booklet for  
Hex(DFE3C3) contains.

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# **Color**

**Hex(DFE3C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFE3C3
RGB	223, 227, 195
RGB Percent	87%, 89%, 76%
CMY	0.1255, 0.1098, 0.2353
CMYK	0.02, 0.00, 0.14, 0.11
HSL	67°, 36%, 83%
HSV	67°, 14%, 89%
XYZ	67.7508, 74.5663, 62.4516
YIQ	222.1560, 7.8880, -10.8000

# Conversions

## Conversions Part 2

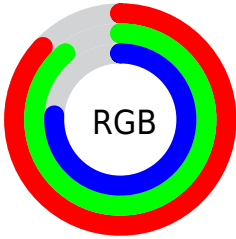
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 227, 199
Decimal	14672835
CIELab	89.19, -6.76, 15.19
CIELCh	89, 16.625, 113.986
Yxy	74.5663, 0.3309, 0.3641
Android (android.graphics.Color)	4292862915 (0xFFDFE3C3)
YUV	222.1560, -13.3879, 0.7402
Hunter-Lab	86.3518, -11.0661, 17.5663

# Details

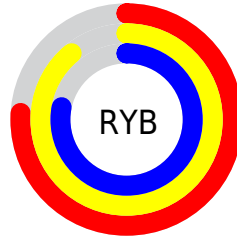
The Hex color **DFE3C3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C7C3E3**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFC**, and **A8AC8D** is the 20% darker color. If you saturate the color by 10%, you get **DCE3AC**, and if you desaturate by 10%, it is **E2E3DA**.

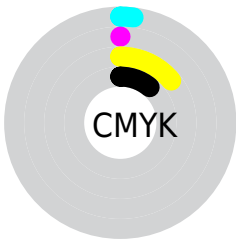
# Distribution



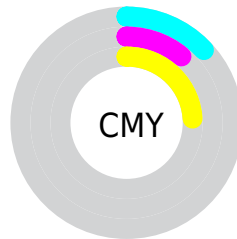
- Red (87%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFE3C3 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 DFE3C3 by changing the saturation by 10% instead.



DFE3C3

DFE3C3

FFFFFF

C3C7A8

FFFFFFC

A8AC8D

8D9174

73785B

5B5F43

43472D

2C3118

191C00

000000

 DFE3C3

 DFE3C3

 DCE3AC

 E2E3DA

 D9E396

 E5E3F0

 D6E37F

 E8E3FF

 D4E368

 EAE3FF

 D1E352

 EDE3FF

 CEE33B

 F0E3FF

 CBE324

 F3E3FF

 C8E30D

 F6E3FF

 C7E300

 F9E3FF

# Harmonies

## Analogous

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



F0DEC1



DFE3C3



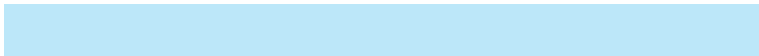
CDE7CD

# Triad

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



DFE3C3



BCE7F9



FED5E4

# Complementary

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



DFE3C3



C7C3E3

# 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.



F2D8F3



DFE3C3



CBE2FF

# Square

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



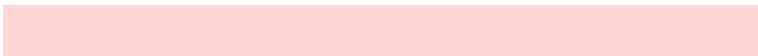
DFE3C3



B7E9EC



DFDDFD



FFD6D4

# Rectangle

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



DFE3C3



C2E9D7



DFDDFD



FBD6E9



# Sweetspot

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



DFE3C3



FEFF5



E3C7C3



7F8079



000000



808080



# Same Dimension

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



DFE3C3



FAFFD4



CFE3C3



717367



9CB300



2D3300



# Inverse Universe

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



C7C3E3



D9D4FF



D7C3E3



696773



1600B3

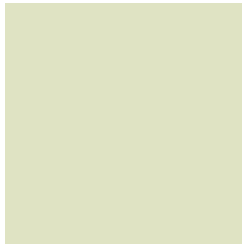


060033



# Previews

## White Background



This preview shows how the Hex color DFE3C3 looks on a white background.

## Color Contrast Check

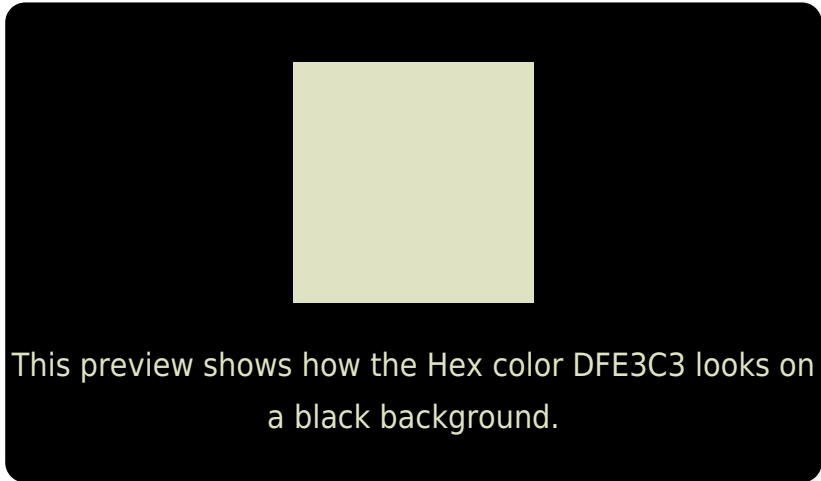
Large Text (above 18pt) WCAG AA × Fail

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

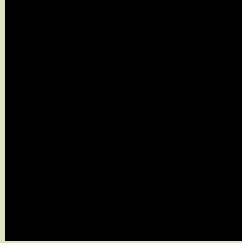
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

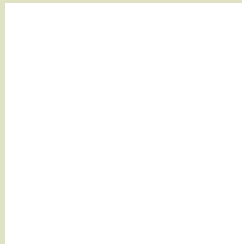
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DFE3C3 Background



This preview shows how black text looks on a background with the Hex color DFE3C3.

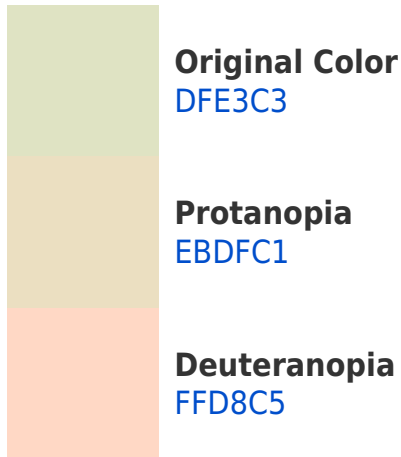


This preview shows how white text looks on a background with the Hex color DFE3C3.

# 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](#).

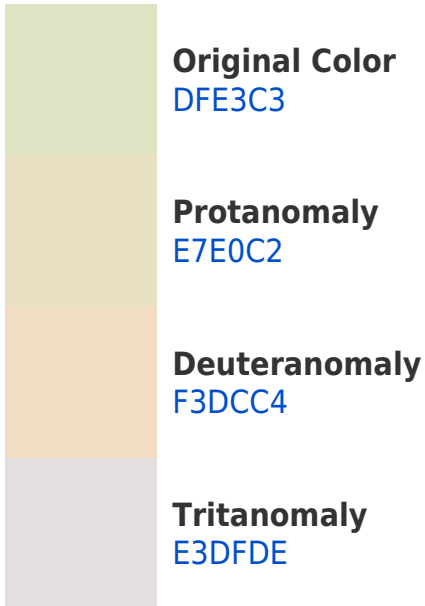
## Dichromacy





**Tritanopia**  
E5DDEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFE3C3 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 #DFE3C3 looks like.

```
.text, #text, p{  
    color:#DFE3C3  
}
```

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 #DFE3C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE3C3
}
```

## Border

The CSS property to change the border of an element to Hex DFE3C3 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
#DFE3C3 }
```

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

```
.border{ border-color:#DFE3C3 }
```

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

Here you see how a box with a 4 pixel #DFE3C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE3C3; -webkit-box-shadow:4px 4px  
4px 4px #DFE3C3; box-shadow:4px 4px 4px  
4px #DFE3C3 }
```

# Background

The CSS property to change the background color of an element to Hex DFE3C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE3C3 }
```

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

```
.background{ background-color:#DFE3C3 }
```

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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