

# Converting Colors

Hex(DCE7CD)

Have a look what the booklet for  
Hex(DCE7CD) contains.

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# **Color**

**Hex(DCE7CD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCE7CD
RGB	220, 231, 205
RGB Percent	86%, 91%, 80%
CMY	0.1373, 0.0941, 0.1961
CMYK	0.05, 0.00, 0.11, 0.09
HSL	85°, 35%, 85%
HSV	85°, 11%, 91%
XYZ	69.1106, 76.7752, 68.9342
YIQ	224.7470, 1.7900, -10.4180

# Conversions

## Conversions Part 2

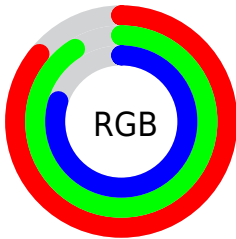
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 231, 216
Decimal	14477261
CIE <sub>Lab</sub>	90.22, -8.22, 11.40
CIE <sub>LCh</sub>	90, 14.058, 125.803
Yxy	76.7752, 0.3217, 0.3574
Android (android.graphics.Color)	4292667341 (0xFFDCE7CD)
YUV	224.7470, -9.7353, -4.1631
Hunter-Lab	87.6215, -12.5475, 14.6900

# Details

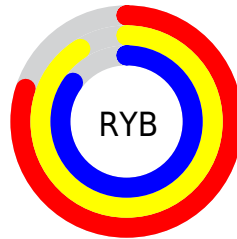
The Hex color **DCE7CD** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D8CDE7**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **A5AF97** is the 20% darker color. If you saturate the color by 10%, you get **D2E7B6**, and if you desaturate by 10%, it is **E6E7E4**.

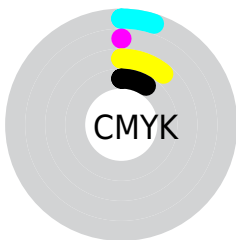
# Distribution



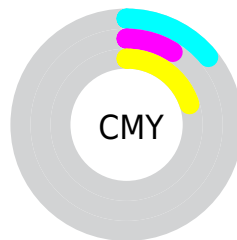
- Red (86%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCE7CD 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 DCE7CD by changing the saturation by 10% instead.



 DCE7CD


FFFFFF

 DCE7CD

 C0CBB2

 A5AF97

 8B957D

 717B64

 58624C

 414A35

 2B3420

 171F09

 000100

 DCE7CD

 DCE7CD

 D2E7B6

 E6E7E4

 C8E79F

 F0E7FB

 BFE788

 F9E7FF

 B5E771

 FFE7FF

 ABE75A

 A1E742

 98E72B

 8EE714

 85E700

# Harmonies

## Analogous

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



EBE3C8



DCE7CD



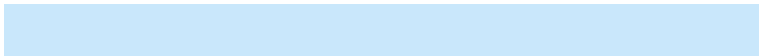
CDEAD8

# Triad

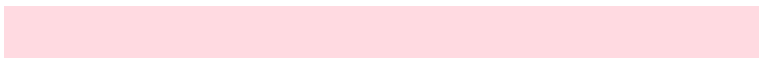
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCE7CD



C9E7FB



FFDAE1

# Complementary

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



DCE7CD



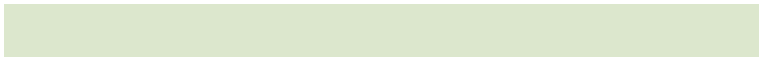
D8CDE7

# 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.



F7DBEE



DCE7CD



D8E3FD

# Square

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



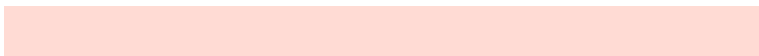
DCE7CD



C2EAF2



E9DFF9



FFD8D4

# Rectangle

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



DCE7CD



C6EBE1



E9DFF9



FDDAE5



# Sweetspot

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



DCE7CD



FCFF7



E7D8CD



7D807A



000000



808080



# Same Dimension

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



DCE7CD



F0FFDB



CFE7CD



6E7367



67B300



1D3300



# Inverse Universe

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



D8CDE7



EADBFF



E5CDE7



6C6773



4C00B3

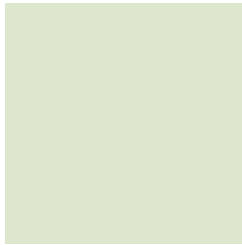


160033



# Previews

## White Background



This preview shows how the Hex color DCE7CD looks on a white background.

## Color Contrast Check

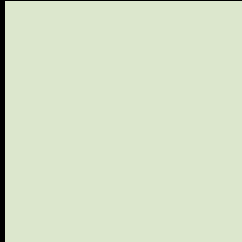
Large Text (above 18pt) WCAG AA × Fail

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 DCE7CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

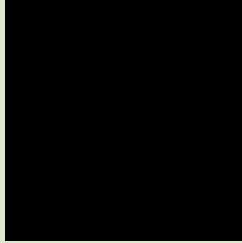
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

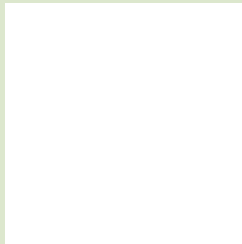
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCE7CD Background



This preview shows how black text looks on a background with the Hex color DCE7CD.

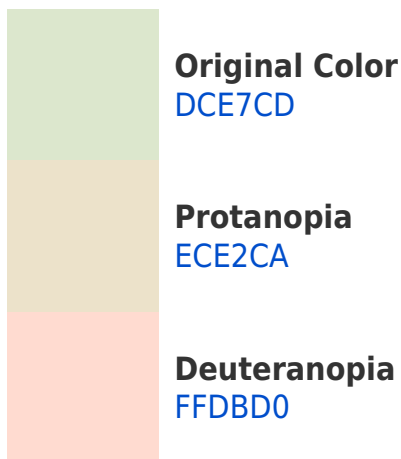


This preview shows how white text looks on a background with the Hex color DCE7CD.

# 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**  
E2E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCE7CD 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 #DCE7CD looks like.

```
.text, #text, p{  
    color:#DCE7CD  
}
```

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 #DCE7CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE7CD }  
}
```

## Border

The CSS property to change the border of an element to Hex DCE7CD 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 #DCE7CD }  
}
```

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

```
.border{ border-color:#DCE7CD }
```

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

Here you see how a box with a 4 pixel #DCE7CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE7CD; -webkit-box-shadow:4px 4px  
4px 4px #DCE7CD; box-shadow:4px 4px 4px  
4px #DCE7CD }
```

# Background

The CSS property to change the background color of an element to Hex DCE7CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE7CD }
```

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

```
.background{ background-color:#DCE7CD }
```

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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