

Converting Colors

Hex(DCE3BD)

Have a look what the booklet for
Hex(DCE3BD) contains.

Hex(DCE3BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DCE3BD)

Conversions

Conversions Part 1

Format	Color
Hex	DCE3BD
RGB	220, 227, 189
RGB Percent	86%, 89%, 74%
CMY	0.1373, 0.1098, 0.2588
CMYK	0.03, 0.00, 0.17, 0.11
HSL	71°, 40%, 82%
HSV	71°, 17%, 89%
XYZ	66.1696, 73.8279, 58.9068
YIQ	220.5750, 8.0260, -13.3020

Conversions

Conversions Part 2

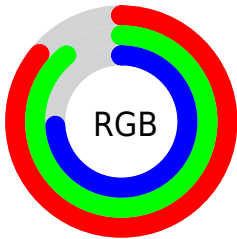
Format	Color
RYB	189, 227, 196
Decimal	14476221
CIELab	88.84, -8.76, 17.79
CIELCh	89, 19.833, 116.208
Yxy	73.8279, 0.3327, 0.3712
Android (android.graphics.Color)	4292666301 (0xFFDCE3BD)
YUV	220.5750, -15.5665, -0.5043
Hunter-Lab	85.9232, -12.9024, 19.4985

Details

The Hex color **DCE3BD** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C4BDE3**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFF5**, and **A5AC88** is the 20% darker color. If you saturate the color by 10%, you get **D8E3A6**, and if you desaturate by 10%, it is **E0E3D4**.

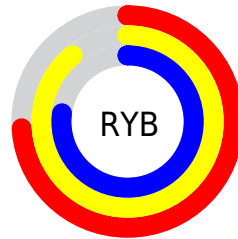
Distribution



Red (86%)

Green (89%)

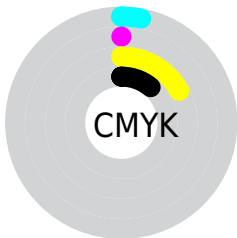
Blue (74%)



Red (74%)

Yellow (89%)

Blue (77%)

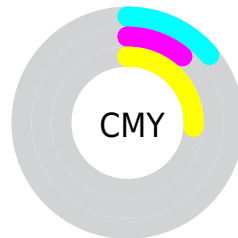


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (11%)



Cyan (14%)

Magenta (11%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE3BD 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 DCE3BD by changing the saturation by 10% instead.

 DCE3BD

FFFFFFF


 FFFFFF5

 DCE3BD

 C0C7A2

 A5AC88

 8A916E

 717756

 585F3E

 404728

 2A3113

 161C00

 000000

 DCE3BD

 DCE3BD

 D8E3A6

 E0E3D4

 D4E390

 E4E3EA

 CFE379

 E9E3FF

 CBE362

 EDE3FF

 C7E34C

 F1E3FF

 C3E335

 F5E3FF

 BFE31E

 F9E3FF

 BBE307

 FDE3FF

 B9E300

 FFE3FF

Harmonies

Analogous

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



F1DDBA



DCE3BD



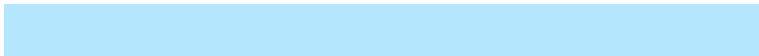
C6E8CA

Triad

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



DCE3BD



B4E7FE



FFD2E2

Complementary

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



DCE3BD



C4BDE3

Split Complementary

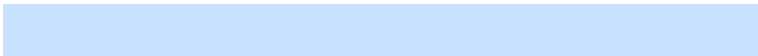
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F6D5F4



DCE3BD



C7E1FF

Square

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



DCE3BD



ADEAEF



E0DBFF



FFD3CF

Rectangle

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



DCE3BD



BAEAD5



E0DBFF



FFD3E9

Sweetspot

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



DCE3BD



FDFFF2



E3C4BD



7E8078



000000



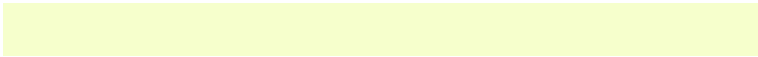
808080

Same Dimension

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



DCE3BD



F6FFCC



C9E3BD



717367



92B300



2A3300

Inverse Universe

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



C4BDE3



D5CCFF



D7BDE3



696773



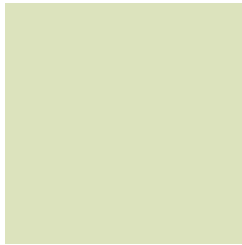
2100B3



090033

Previews

White Background



This preview shows how the Hex color DCE3BD looks on a white background.

Color Contrast Check

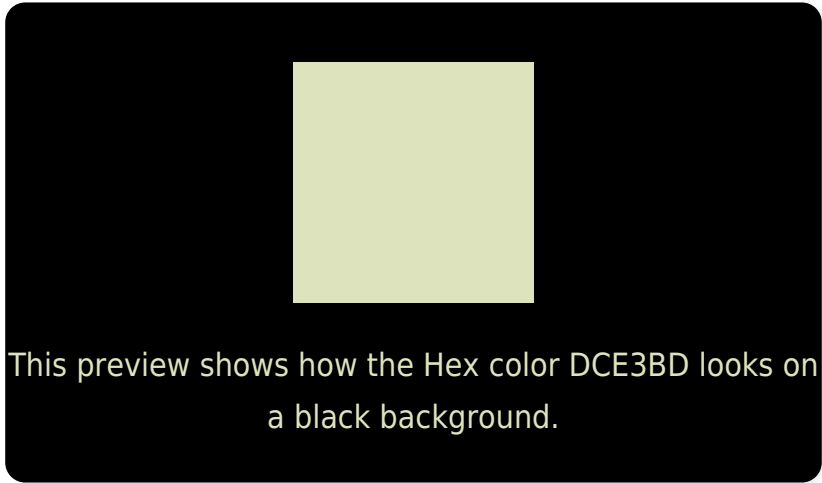
Large Text (above 18pt) WCAG AA × Fail

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

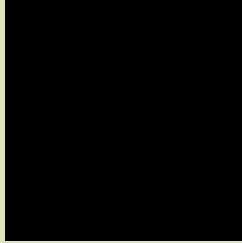
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

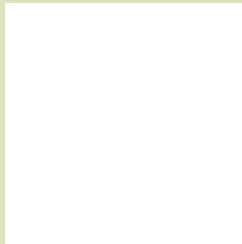
Any Text WCAG AAA ✓ Pass

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

Hex DCE3BD Background



This preview shows how black text looks on a background with the Hex color DCE3BD.

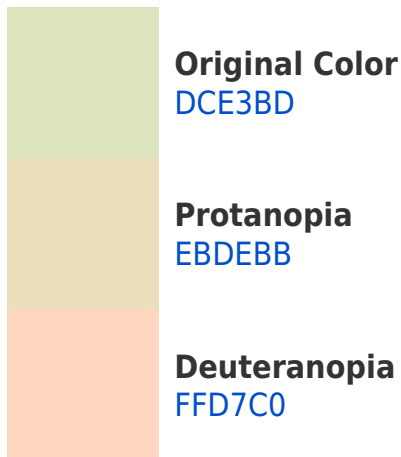


This preview shows how white text looks on a background with the Hex color DCE3BD.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCE3BD 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 #DCE3BD looks like.

```
.text, #text, p{  
    color:#DCE3BD  
}
```

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 #DCE3BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE3BD  
}
```

Border

The CSS property to change the border of an element to Hex DCE3BD 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  
#DCE3BD }
```

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

```
.border{ border-color:#DCE3BD }
```

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

Here you see how a box with a 4 pixel #DCE3BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE3BD; -webkit-box-shadow:4px 4px  
4px 4px #DCE3BD; box-shadow:4px 4px 4px  
4px #DCE3BD }
```

Background

The CSS property to change the background color of an element to Hex DCE3BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE3BD }
```

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

```
.background{ background-color:#DCE3BD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor