

# Converting Colors

Hex(DBE5CA)

Have a look what the booklet for  
Hex(DBE5CA) contains.

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# **Color**

**Hex(DBE5CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBE5CA
RGB	219, 229, 202
RGB Percent	86%, 90%, 79%
CMY	0.1412, 0.1020, 0.2078
CMYK	0.04, 0.00, 0.12, 0.10
HSL	82°, 34%, 85%
HSV	82°, 12%, 90%
XYZ	67.8934, 75.3630, 66.8453
YIQ	222.9320, 2.7070, -10.5170

# Conversions

## Conversions Part 2

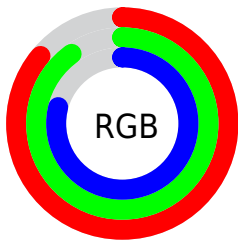
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 229, 212
Decimal	14411210
CIE Lab	89.56, -8.05, 12.02
CIE LCh	90, 14.472, 123.816
Yxy	75.3630, 0.3231, 0.3587
Android (android.graphics.Color)	4292601290 (0xFFDBE5CA)
YUV	222.9320, -10.3195, -3.4484
Hunter-Lab	86.8118, -12.3203, 15.1149

# Details

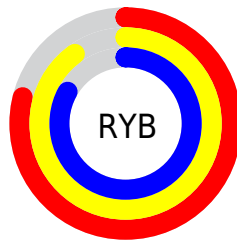
The Hex color **DBE5CA** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **D4CAE5**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **A4AE94** is the 20% darker color. If you saturate the color by 10%, you get **D3E5B3**, and if you desaturate by 10%, it is **E3E5E1**.

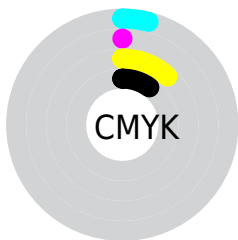
# Distribution



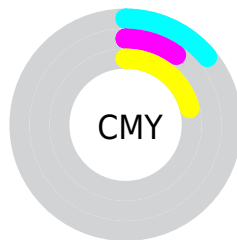
- Red (86%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBE5CA 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 DBE5CA by changing the saturation by 10% instead.



 DBE5CA

FFFFFF

 DBE5CA

 BFC9AF

 A4AE94

 8A937A

 707961

 586049

 404933

 2A321E

 161D05

 000000

 DBE5CA

 DBE5CA

 D3E5B3

 E3E5E1

 CAE59C

 ECE5F8

 C2E585

 F4E5FF

 B9E56E

 FDE5FF

 B1E557

 FFE5FF

 A8E541

 A0E52A

 97E513

 90E500

# Harmonies

## Analogous

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



EBE1C6



DBE5CA



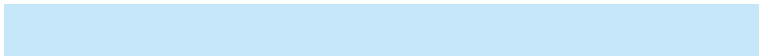
CCE8D5

# Triad

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



DBE5CA



C6E6F9



FED8E0

# Complementary

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



DBE5CA



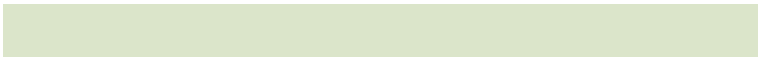
D4CAE5

# 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.



F5D9EE



DBE5CA



D5E2FC

# Square

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



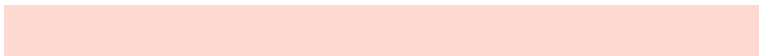
DBE5CA



BEE9F0



E6DDF8



FED9D2

# Rectangle

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



DBE5CA



C4E9DE



E6DDF8



FCD8E5



# Sweetspot

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



DBE5CA



FBFFF5



E5D4CA



7D8079



000000



808080



# Same Dimension

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



DBE5CA



F2FFDB



CEE5CA



6E7367



70B300



203300



# Inverse Universe

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



D4CAE5



E9DBFF



E1CAE5



6C6773



4200B3

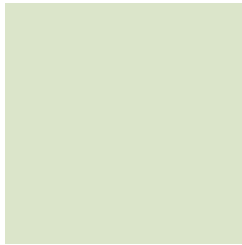


130033



# Previews

## White Background



This preview shows how the Hex color DBE5CA looks on a white background.

## Color Contrast Check

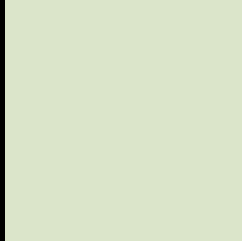
Large Text (above 18pt) WCAG AA × Fail

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 DBE5CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

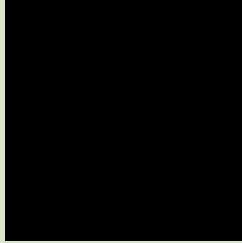
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

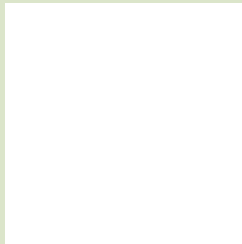
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBE5CA Background



This preview shows how black text looks on a background with the Hex color DBE5CA.

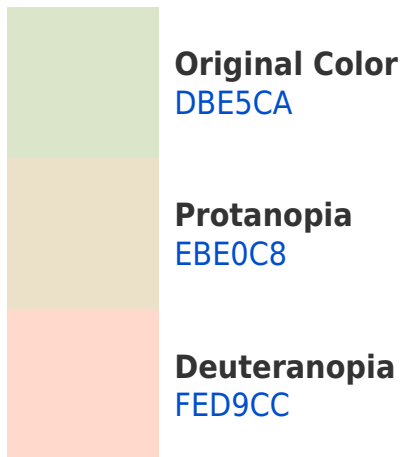


This preview shows how white text looks on a background with the Hex color DBE5CA.

# 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](#).

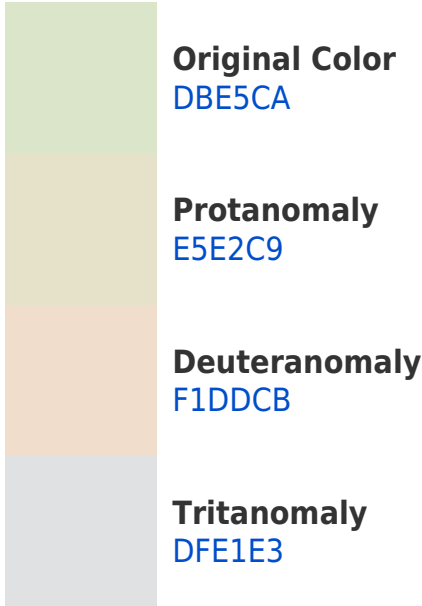
## Dichromacy





**Tritanopia**  
E1DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBE5CA 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 #DBE5CA looks like.

```
.text, #text, p{  
    color:#DBE5CA  
}
```

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 #DBE5CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBE5CA
}
```

## Border

The CSS property to change the border of an element to Hex DBE5CA 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
#DBE5CA }
```

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

```
.border{ border-color:#DBE5CA }
```

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

Here you see how a box with a 4 pixel #DBE5CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBE5CA; -webkit-box-shadow:4px 4px  
4px 4px #DBE5CA; box-shadow:4px 4px 4px  
4px #DBE5CA }
```

# Background

The CSS property to change the background color of an element to Hex DBE5CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBE5CA }
```

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

```
.background{ background-color:#DBE5CA }
```

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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