

# Converting Colors

Hex(DBECE7)

Have a look what the booklet for  
Hex(DBECE7) contains.

<b>Hex(DBECE7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DBECE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBECE7
RGB	219, 236, 231
RGB Percent	86%, 93%, 91%
CMY	0.1412, 0.0745, 0.0941
CMYK	0.07, 0.00, 0.02, 0.07
HSL	162°, 31%, 89%
HSV	162°, 7%, 93%
XYZ	73.6327, 80.8205, 87.3204
YIQ	230.3470, -8.5270, -5.1590

# Conversions

## Conversions Part 2

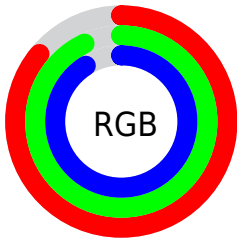
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 229, 236
Decimal	14413031
CIE <sub>Lab</sub>	92.05, -6.53, 0.48
CIE <sub>LCh</sub>	92, 6.545, 175.788
Yxy	80.8205, 0.3046, 0.3343
Android (android.graphics.Color)	4292603111 (0xFFDBECE7)
YUV	230.3470, 0.3219, -9.9513
Hunter-Lab	89.9002, -11.1252, 5.3416

# Details

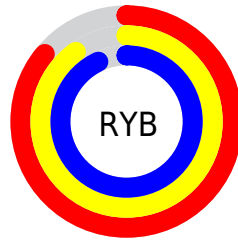
The Hex color **DBECE7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **ECDBE0**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **A4B4AF** is the 20% darker color. If you saturate the color by 10%, you get **C3ECE0**, and if you desaturate by 10%, it is **F3ECEE**.

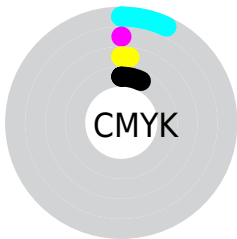
# Distribution



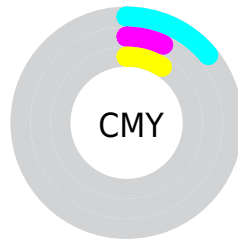
- Red (86%)
- Green (93%)
- Blue (91%)



- Red (86%)
- Yellow (90%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBECE7 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 DBECE7 by changing the saturation by 10% instead.



 DBECE7

FFFFFF

 DBECE7

 BFD0CB

 A4B4AF

 8A9995

 707F7B

 586662

 404E4A

 2A3834

 15221F

 000C06

 DBECE7

 DBECE7

 C3ECE0

 F3ECEE

 ACECD9

 FFECF5

 94ECD2

 FFECFC

 7DECCB

 FFECFF

 65ECC4

 4DECBD

 36ECB6

 1EECAF

 07ECA9

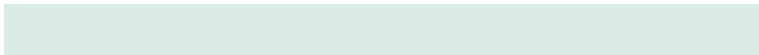
# Harmonies

## Analogous

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



E0EBE1



DBECE7



D9ECED

# Triad

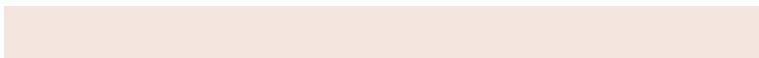
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBECE7



E9E7F3



F4E5DE

# Complementary

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



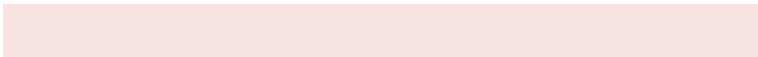
DBECE7



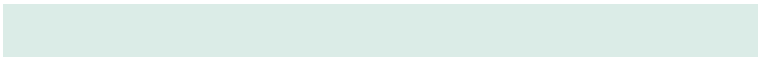
ECDBE0

# 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.



F6E4E3



DBECE7



F0E5EF

# Square

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



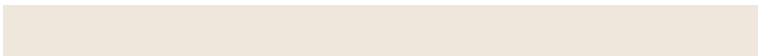
DBECE7



E1E9F5



F5E4E9



EFE7DC

# Rectangle

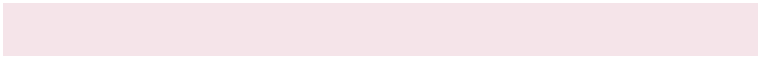
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



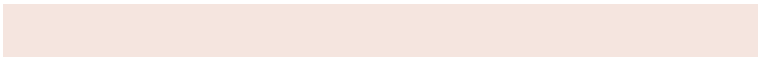
DBECE7



DAEBF1



F5E4E9



F5E5DF



# Sweetspot

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



DBECE7



FAFFFE



E0ECDB



7D807F



000000



808080



# Same Dimension

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



DBECE7



E8FFF8



DBE9EC



6A7572



00B580



003626



# Inverse Universe

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



ECDBE0



FFE8EF



ECDEDB



756A6D



B50035

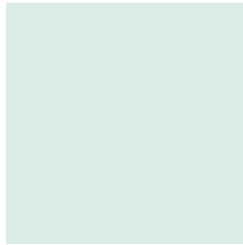


360010



# Previews

## White Background



This preview shows how the Hex color DBECE7 looks on a white background.

## Color Contrast Check

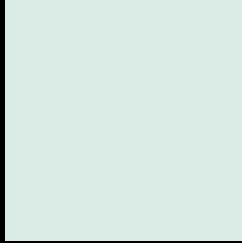
Large Text (above 18pt) WCAG AA × Fail

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 DBECE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

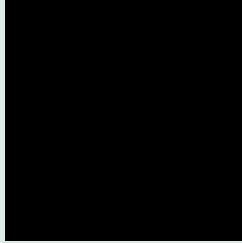
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

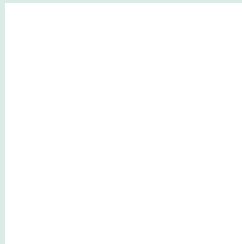
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBECE7 Background



This preview shows how black text looks on a background with the Hex color DBECE7.

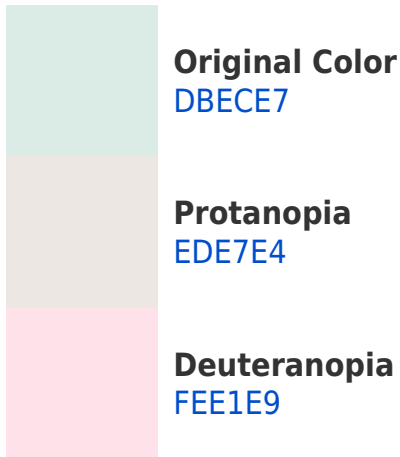


This preview shows how white text looks on a background with the Hex color DBECE7.

# 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](#).

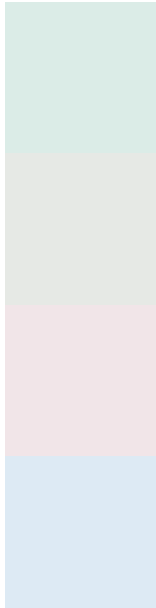
## Dichromacy





**Tritanopia**  
DEE9FB

# Trichromacy



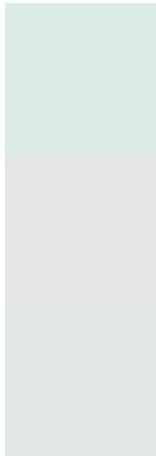
**Original Color**  
DBECE7

**Protanomaly**  
E6E9E5

**Deuteranomaly**  
F1E5E8

**Tritanomaly**  
DDEAF4

# Monochromacy



**Original Color**  
DBECE7

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E2E8E6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBECE7 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 #DBECE7 looks like.

```
.text, #text, p{  
    color:#DBECE7  
}
```

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 #DBECE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBECE7  
}
```

## Border

The CSS property to change the border of an element to Hex DBECE7 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  
#DBECE7 }
```

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

```
.border{ border-color:#DBECE7 }
```

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

Here you see how a box with a 4 pixel #DBECE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBECE7; -webkit-box-shadow:4px 4px  
4px 4px #DBECE7; box-shadow:4px 4px 4px  
4px #DBECE7 }
```

# Background

The CSS property to change the background color of an element to Hex DBECE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBECE7 }
```

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

```
.background{ background-color:#DBECE7 }
```

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