

# Converting Colors

Hex(DBECE3)

Have a look what the booklet for  
Hex(DBECE3) contains.

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# **Color**

**Hex(DBECE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBECE3
RGB	219, 236, 227
RGB Percent	86%, 93%, 89%
CMY	0.1412, 0.0745, 0.1098
CMYK	0.07, 0.00, 0.04, 0.07
HSL	148°, 31%, 89%
HSV	148°, 7%, 93%
XYZ	73.0740, 80.5970, 84.3784
YIQ	229.8910, -7.2430, -6.4030

# Conversions

## Conversions Part 2

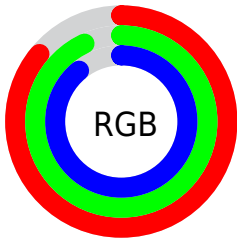
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 231, 236
Decimal	14413027
CIE Lab	91.95, -7.26, 2.42
CIE LCh	92, 7.655, 161.574
Yxy	80.5970, 0.3070, 0.3386
Android (android.graphics.Color)	4292603107 (0xFFDBECE3)
YUV	229.8910, -1.4253, -9.5514
Hunter-Lab	89.7758, -11.8158, 7.1177

# Details

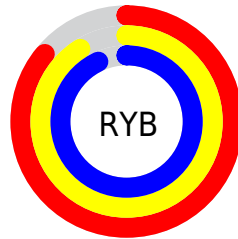
The Hex color **DBECE3** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **ECDBE4**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **A4B4AC** is the 20% darker color. If you saturate the color by 10%, you get **C3ECD7**, and if you desaturate by 10%, it is **F3ECEF**.

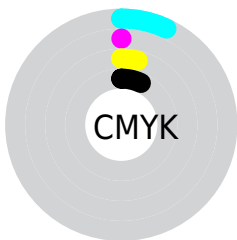
# Distribution



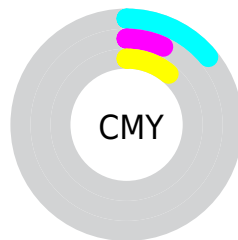
- Red (86%)
- Green (93%)
- Blue (89%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBECE3 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 DBECE3 by changing the saturation by 10% instead.



 DBECE3

FFFFFF

 DBECE3

 BFD0C7

 A4B4AC


 8A9991

 707F78

 58665F

 404E47

 2A3831

 15221C

 000C01

 DBECE3

 DBECE3

 C3ECD7

 F3ECEf

 ACECCA

 FFECFC

 94ECBE


 FFECFF

 7DECB1

 65ECA5

 4DEC98

 36EC8C

 1EEC7F

 07EC73

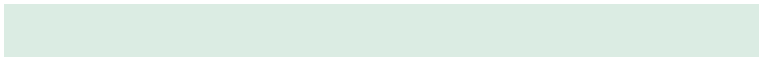
# Harmonies

## Analogous

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



E3EBDD



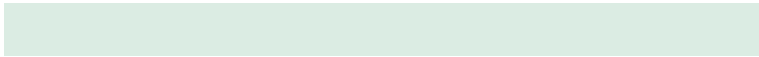
DBECE3



D7ECEB

# Triad

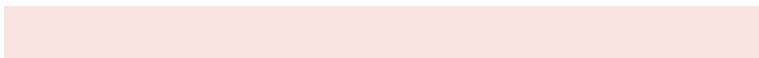
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBECE3



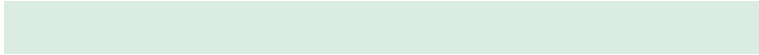
E4E8F6



F7E4DE

# Complementary

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



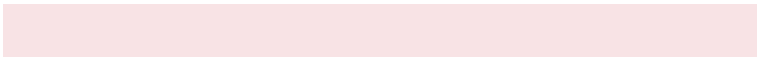
DBECE3



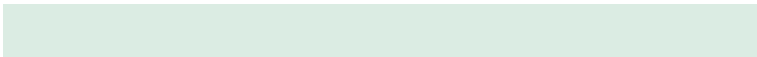
ECDBE4

# 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.



F8E3E5



DBECE3



EDE5F3

# Square

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



DBECE3



DCEAF6



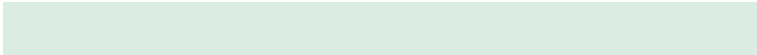
F4E4ED



F3E6DA

# Rectangle

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



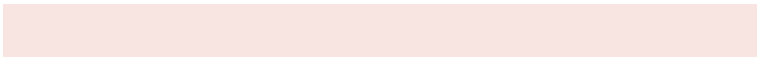
DBECE3



D6ECEF



F4E4ED

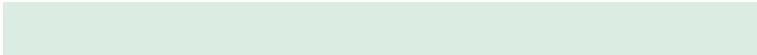


F8E4E0



# Sweetspot

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



DBECE3



FAFFFC



E4ECDB



7D807E



000000

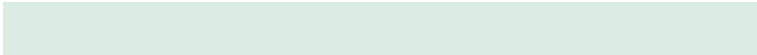


808080

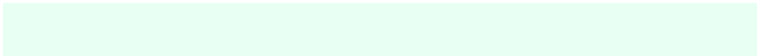


# Same Dimension

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



DBECE3



E8FFF3



DBECEB



6A756F



00B555



003619



# Inverse Universe

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



ECDBE4



FFE8F4



ECDBDC



756A70



B50060

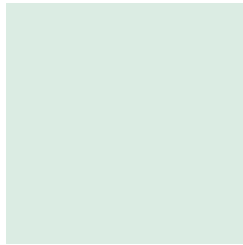


36001C



# Previews

## White Background



This preview shows how the Hex color DBECE3 looks on a white background.

## Color Contrast Check

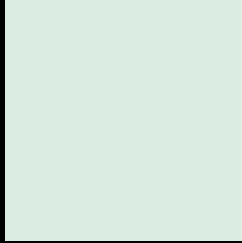
Large Text (above 18pt) WCAG AA × Fail

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 DBECE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

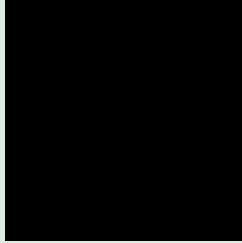
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

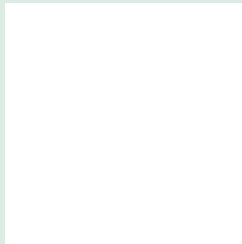
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBECE3 Background



This preview shows how black text looks on a background with the Hex color DBECE3.

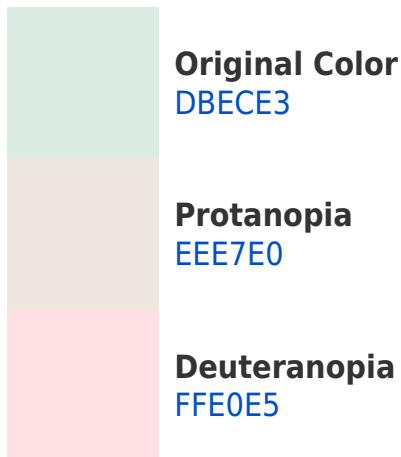


This preview shows how white text looks on a background with the Hex color DBECE3.

# 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](#).

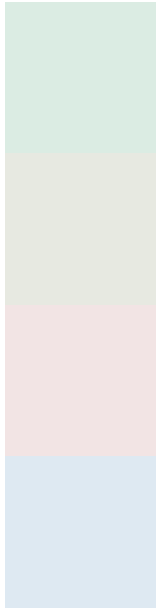
## Dichromacy





**Tritanopia**  
DFE8FB

# Trichromacy



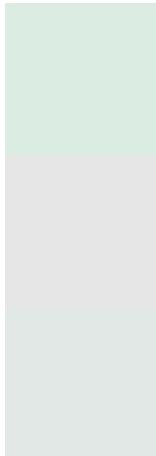
**Original Color**  
DBECE3

**Protanomaly**  
E7E9E1

**Deuteranomaly**  
F2E4E4

**Tritanomaly**  
DEE9F2

# Monochromacy



**Original Color**  
DBECE3

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E2E8E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBECE3 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 #DBECE3 looks like.

```
.text, #text, p{  
    color:#DBECE3  
}
```

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 #DBECE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBECE3
}
```

## Border

The CSS property to change the border of an element to Hex DBECE3 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
#DBECE3 }
```

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

```
.border{ border-color:#DBECE3 }
```

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

Here you see how a box with a 4 pixel #DBECE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBECE3; -webkit-box-shadow:4px 4px  
4px 4px #DBECE3; box-shadow:4px 4px 4px  
4px #DBECE3 }
```

# Background

The CSS property to change the background color of an element to Hex DBECE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBECE3 }
```

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

```
.background{ background-color:#DBECE3 }
```

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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