

# Converting Colors

Hex(DBE3DF)

Have a look what the booklet for  
Hex(DBE3DF) contains.

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# **Color**

**Hex(DBE3DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBE3DF
RGB	219, 227, 223
RGB Percent	86%, 89%, 87%
CMY	0.1412, 0.1098, 0.1255
CMYK	0.04, 0.00, 0.02, 0.11
HSL	150°, 12%, 87%
HSV	150°, 4%, 89%
XYZ	70.0018, 75.3260, 80.6619
YIQ	224.1520, -3.4840, -2.9400

# Conversions

## Conversions Part 2

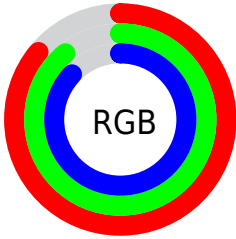
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 224, 227
Decimal	14410719
CIE <sub>Lab</sub>	89.55, -3.40, 1.01
CIE <sub>LCh</sub>	90, 3.546, 163.489
Yxy	75.3260, 0.3098, 0.3333
Android (android.graphics.Color)	4292600799 (0xFFDBE3DF)
YUV	224.1520, -0.5679, -4.5183
Hunter-Lab	86.7905, -7.9124, 5.6501

# Details

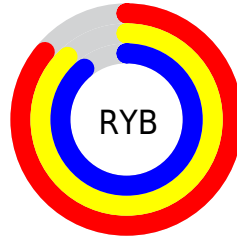
The Hex color **DBE3DF** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3DBDF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **A4ACA8** is the 20% darker color. If you saturate the color by 10%, you get **C4E3D4**, and if you desaturate by 10%, it is **F2E3EA**.

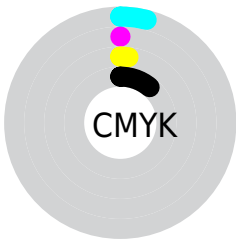
# Distribution



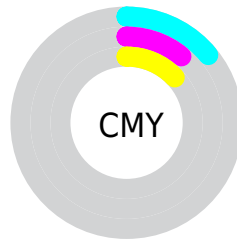
- Red (86%)
- Green (89%)
- Blue (87%)



- Red (86%)
- Yellow (88%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBE3DF 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 DBE3DF by changing the saturation by 10% instead.



■ DBE3DF

FFFFFF

■ DBE3DF

■ BFC7C3

■ A4ACA8

■ 8A918D

■ 707774

■ 585F5B

■ 414744

■ 2B312E

■ 161C19

■ 000000

 DBE3DF

 DBE3DF

 C4E3D4

 F2E3EA

 AEE3C8

 FFE3F6

 97E3BD

 FFE3FF

 80E3B2

 6AE3A6

 53E39B

 3CE390

 25E384

 0FE379

# Harmonies

## Analogous

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



DEE2DC



DBE3DF



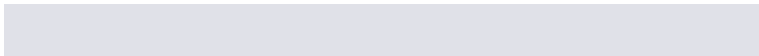
D9E3E2

# Triad

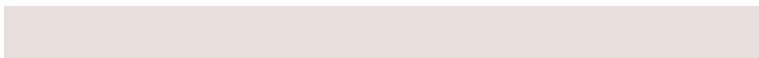
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBE3DF



E0E1E8



E8DFDD

# Complementary

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



DBE3DF



E3DBDF

# 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.



E9DFE0



DBE3DF



E4E0E6

# Square

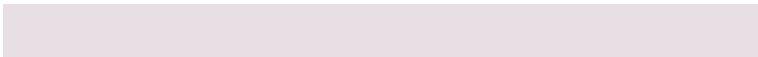
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



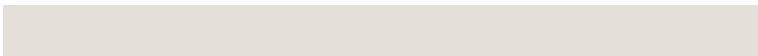
DBE3DF



DCE2E7



E7DFE3



E6E0DB

# Rectangle

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



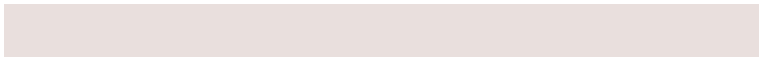
DBE3DF



D9E3E5



E7DFE3



E9DFDD



# Sweetspot

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



DBE3DF



FCFFFE



DFE3DB



7E807F



000000



808080



# Same Dimension

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



DBE3DF



F5FFFA



DBE3E3



6D7370



00B359



00331A



# Inverse Universe

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



E3DBDF



FFF5FA



E3DBDB



736D70



B30059

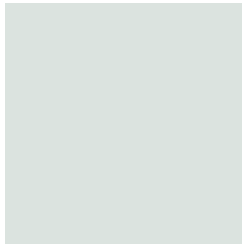


330019



# Previews

## White Background



This preview shows how the Hex color DBE3DF looks on a white background.

## Color Contrast Check

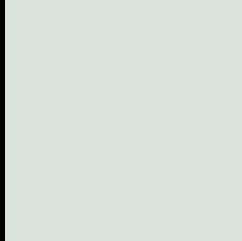
Large Text (above 18pt) WCAG AA × Fail

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 DBE3DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

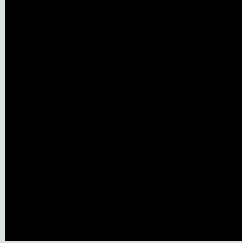
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

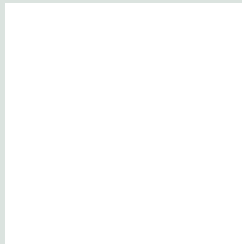
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBE3DF Background



This preview shows how black text looks on a background with the Hex color DBE3DF.

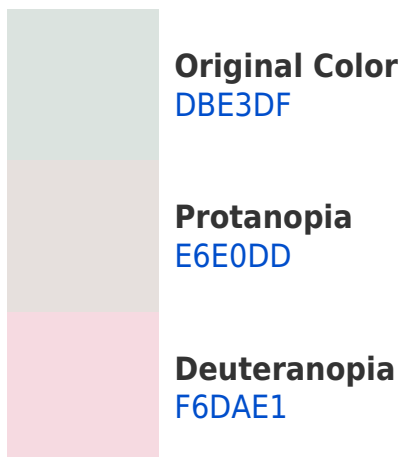


This preview shows how white text looks on a background with the Hex color DBE3DF.

# Color Blindness Simulation

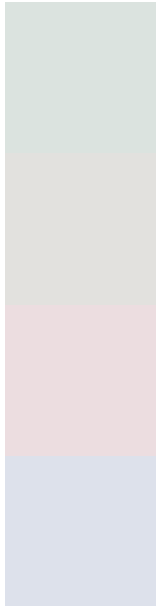
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



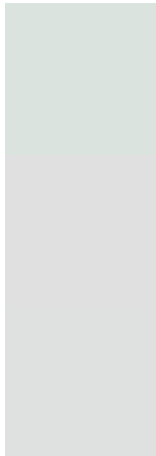
**Original Color**  
DBE3DF

**Protanomaly**  
E2E1DE

**Deuteranomaly**  
ECDDE0

**Tritanomaly**  
DDE1EB

# Monochromacy



**Original Color**  
DBE3DF

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
DEE1E0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBE3DF 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 #DBE3DF looks like.

```
.text, #text, p{  
    color:#DBE3DF  
}
```

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 #DBE3DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBE3DF
}
```

## Border

The CSS property to change the border of an element to Hex DBE3DF 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
#DBE3DF }
```

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

```
.border{ border-color:#DBE3DF }
```

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

Here you see how a box with a 4 pixel #DBE3DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBE3DF; -webkit-box-shadow:4px 4px  
4px 4px #DBE3DF; box-shadow:4px 4px 4px  
4px #DBE3DF }
```

# Background

The CSS property to change the background color of an element to Hex DBE3DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBE3DF }
```

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

```
.background{ background-color:#DBE3DF }
```

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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