

# Converting Colors

Hex(DBE7EE)

Have a look what the booklet for  
Hex(DBE7EE) contains.

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# **Color**

**Hex(DBE7EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBE7EE
RGB	219, 231, 238
RGB Percent	86%, 91%, 93%
CMY	0.1412, 0.0941, 0.0667
CMYK	0.08, 0.03, 0.00, 0.07
HSL	202°, 36%, 90%
HSV	202°, 8%, 93%
XYZ	73.2219, 78.3849, 92.1595
YIQ	228.2100, -9.3990, -0.3670

# Conversions

## Conversions Part 2

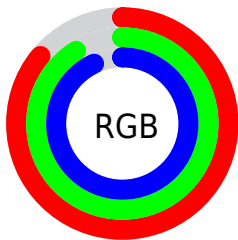
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 226, 238
Decimal	14411758
CIE Lab	90.96, -2.66, -4.78
CIE LCh	91, 5.469, 240.939
Yxy	78.3849, 0.3004, 0.3216
Android (android.graphics.Color)	4292601838 (0xFFDBE7EE)
YUV	228.2100, 4.8265, -8.0772
Hunter-Lab	88.5353, -7.3106, 0.2576

# Details

The Hex color `DBE7EE` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `EEE2DB`, and the grayscale version is `E4E4E4`.

A 20% lighter version of the original color is `FFFFFF`, and `A4AFB6` is the 20% darker color. If you saturate the color by 10%, you get `C3DEEE`, and if you desaturate by 10%, it is `F3F0EE`.

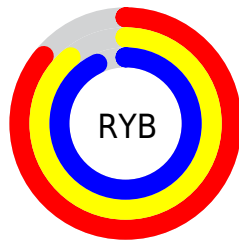
# Distribution



Red (86%)

Green (91%)

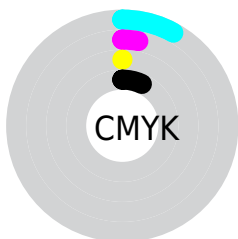
Blue (93%)



Red (86%)

Yellow (89%)

Blue (93%)

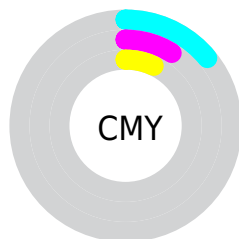


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (14%)

Magenta (9%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBE7EE 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 DBE7EE by changing the saturation by 10% instead.



■ DBE7EE

FFFFFF

■ DBE7EE

■ BFCBD2

■ A4AFB6

■ 8A959B

■ 707B81

■ 586268

■ 404A50

■ 2A3439

■ 151F24

■ 00060E

 DBE7EE

 DBE7EE

 C3DEEE

 F3F0EE

 ABD5EE

 FFF9EE

 94CDEE

 FFFFEE

 7CC4EE

 64BBEE

 4CB2EE

 34AAEE

 1DA1EE

 0598EE

# Harmonies

## Analogous

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



D9E8EA



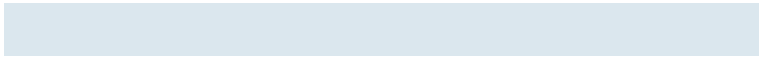
DBE7EE



E0E5EF

# Triad

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



DBE7EE



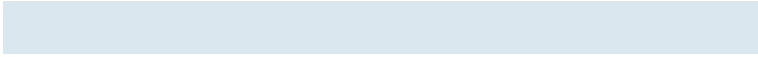
F0E2E5



E3E6DC

# Complementary

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



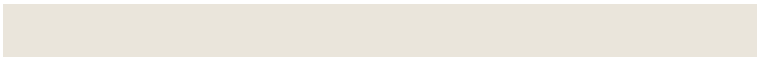
DBE7EE



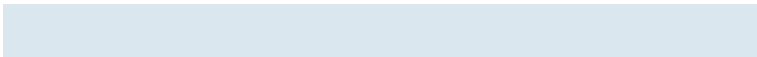
EEE2DB

# Split Complementary

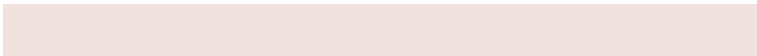
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAE5DB



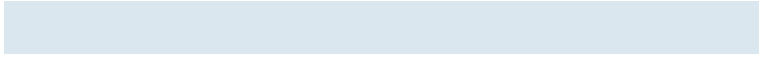
DBE7EE



F1E2E0

# Square

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



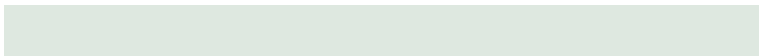
DBE7EE



ECE2EA



EEE3DC



DEE8E0

# Rectangle

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



DBE7EE



E4E4EF



EEE3DC



E6E6DB



# Sweetspot

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



DBE7EE



FAFDFF



DBEEE2



7D7F80



000000

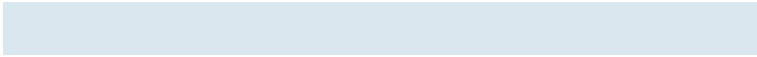


808080

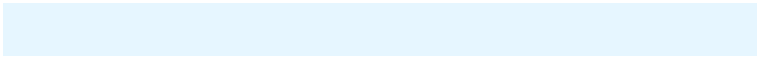


# Same Dimension

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



DBE7EE



E6F6FF



DBDEEE



6C7378



0074B8



002338



# Inverse Universe

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



EEDBE7



FFE6F6



EEEBDB



786C73



B80074

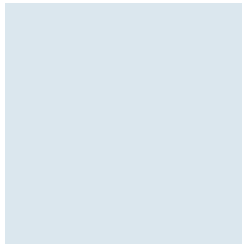


380023



# Previews

## White Background



This preview shows how the Hex color DBE7EE looks on a white background.

## Color Contrast Check

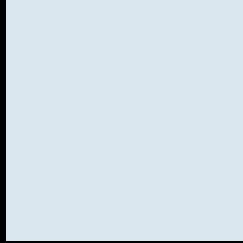
Large Text (above 18pt) WCAG AA × Fail

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 DBE7EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

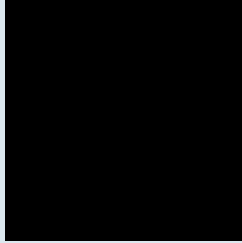
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

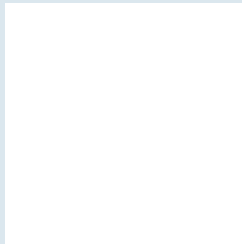
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBE7EE Background



This preview shows how black text looks on a background with the Hex color DBE7EE.



This preview shows how white text looks on a background with the Hex color DBE7EE.

# 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](#).

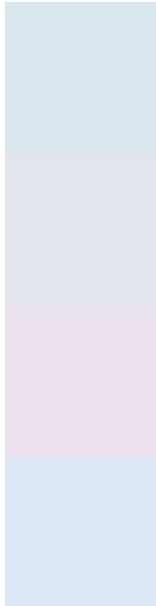
## Dichromacy





**Tritanopia**  
DDE5F8

# Trichromacy



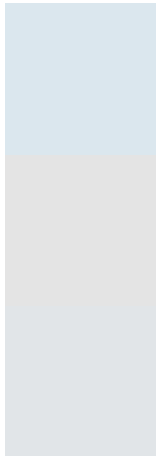
**Original Color**  
DBE7EE

**Protanomaly**  
E3E5ED

**Deuteranomaly**  
ECE1EF

**Tritanomaly**  
DCE6F4

# Monochromacy



**Original Color**  
DBE7EE

**Achromatopsia**  
E4E4E4

**Achromatomaly**  
E1E5E8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBE7EE 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 #DBE7EE looks like.

```
.text, #text, p{  
    color:#DBE7EE  
}
```

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 #DBE7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBE7EE }
}
```

## Border

The CSS property to change the border of an element to Hex DBE7EE 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 #DBE7EE }
}
```

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

```
.border{ border-color:#DBE7EE }
```

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

Here you see how a box with a 4 pixel #DBE7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBE7EE; -webkit-box-shadow:4px 4px  
4px 4px #DBE7EE; box-shadow:4px 4px 4px  
4px #DBE7EE }
```

# Background

The CSS property to change the background color of an element to Hex DBE7EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBE7EE }
```

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

```
.background{ background-color:#DBE7EE }
```

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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