

# Converting Colors

Hex(DCEBEE)

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

<b>Hex(DCEBEE)</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(DCEBEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCEBEE
RGB	220, 235, 238
RGB Percent	86%, 92%, 93%
CMY	0.1373, 0.0784, 0.0667
CMYK	0.08, 0.01, 0.00, 0.07
HSL	190°, 35%, 90%
HSV	190°, 8%, 93%
XYZ	74.6561, 80.8054, 92.5511
YIQ	230.8570, -9.9030, -2.2470

# Conversions

## Conversions Part 2

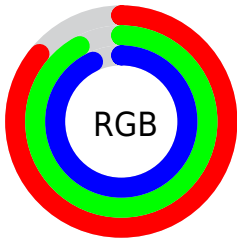
Format	Color
R <sub>Y</sub> B	220, 228, 238
Decimal	14478318
CIE Lab	92.05, -4.38, -3.17
CIE LCh	92, 5.407, 215.888
Yxy	80.8054, 0.3010, 0.3258
Android (android.graphics.Color)	4292668398 (0xFFDCEBEE)
YUV	230.8570, 3.5215, -9.5216
Hunter-Lab	89.8918, -9.0644, 1.8803

# Details

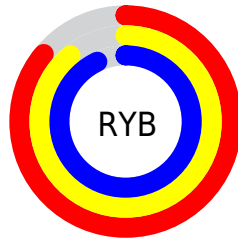
The Hex color **DCEBEE** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EEDFDC**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **A5B3B6** is the 20% darker color. If you saturate the color by 10%, you get **C4E7EE**, and if you desaturate by 10%, it is **F4EFEE**.

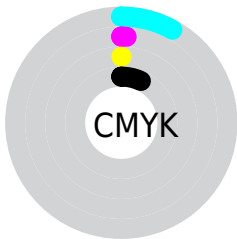
# Distribution



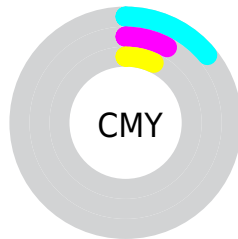
- Red (86%)
- Green (92%)
- Blue (93%)



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



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 DCEBEE

FFFFFF

 DCEBEE

 C0CFD2

 A5B3B6

 8B999B

 717F81

 586668

 414E50

 2B3739

 162224

 000B0E

 DCEBEE

 DCEBEE

 C4E7EE

 F4EFEE

 ACE3EE

 FFF3EE

 95DFEE

 FFF7EE

 7DDBEE

 FFFBEE

 65D7EE

 FFFFEE

 4DD3EE

 35CFEE

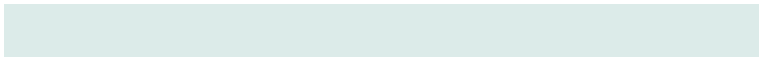
 1ECBEE

 06C7EE

# Harmonies

## Analogous

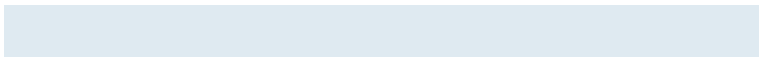
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DCEBE9



DCEBEE



DFEAF1

# Triad

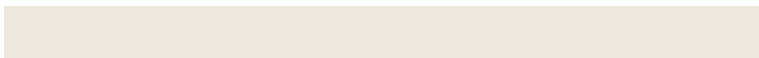
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCEBEE



F0E5EC



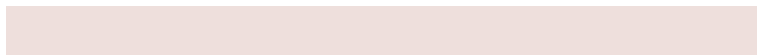
ECE8DE

# Complementary

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



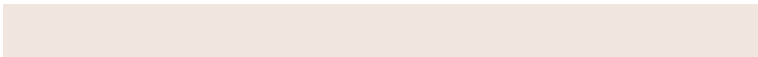
DCEBEE



EEDFDC

# 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.



F1E6DF



DCEBEE



F3E5E7

# Square

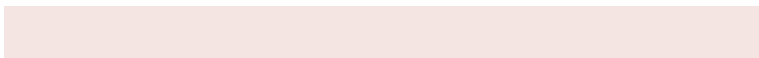
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCEBEE



EBE7F1



F4E5E2



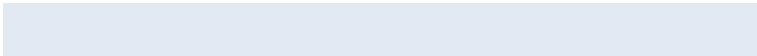
E6EAE0

# Rectangle

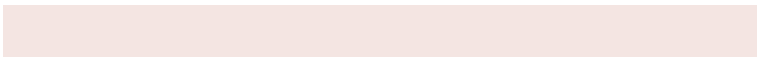
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



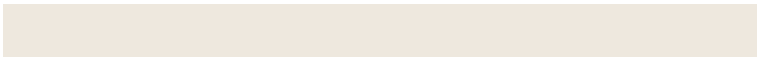
DCEBEE



E2E9F2



F4E5E2



EEE8DE



# Sweetspot

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



DCEBEE



FAFEFF



DCEEDF



7D7F80



000000



808080

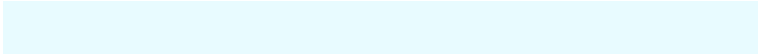


# Same Dimension

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



DCEBEE



E8FBFF



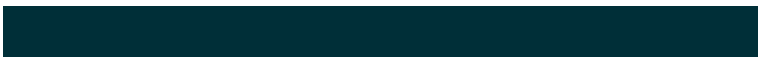
DCE2EE



6C7678



0099B8



002F38



# Inverse Universe

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



EEDCEB



FFE8FB



EEE8DC



786C76



B80099

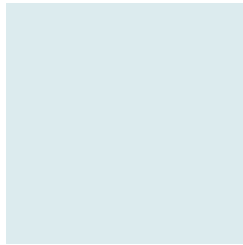


38002F



# Previews

## White Background



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

## Color Contrast Check

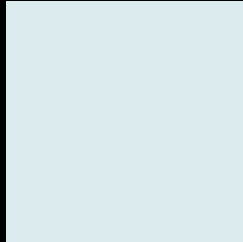
Large Text (above 18pt) WCAG AA × Fail

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 DCEBEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

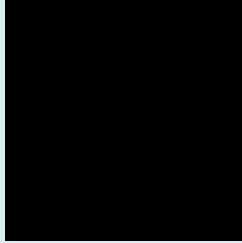
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

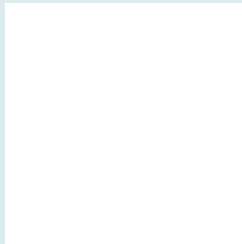
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCEBEE Background



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



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

# 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



# Monochromacy



# CSS Examples

## Text

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

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

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 #DCEBEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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