

# Converting Colors

Hex(DBEED8)

Have a look what the booklet for  
Hex(DBEED8) contains.

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# **Color**

**Hex(DBEED8)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | DBEED8                      |
| RGB         | 219, 238, 216               |
| RGB Percent | 86%, 93%, 85%               |
| CMY         | 0.1412, 0.0667, 0.1529      |
| CMYK        | 0.08, 0.00, 0.09, 0.07      |
| HSL         | 112°, 39%, 89%              |
| HSV         | 112°, 9%, 93%               |
| XYZ         | 72.1826, 81.1670, 76.8281   |
| YIQ         | 229.8110, -4.2620, -10.8700 |

# Conversions

## Conversions Part 2

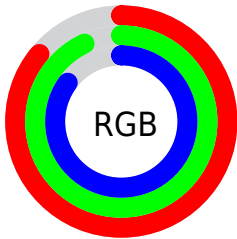
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 216, 238, 235                 |
| Decimal                             | 14413528                      |
| CIE Lab                             | 92.21, -10.23, 8.51           |
| CIE LCh                             | 92, 13.303, 140.239           |
| Yxy                                 | 81.1670, 0.3136,<br>0.3526    |
| Android<br>(android.graphics.Color) | 4292603608<br>(0xFFDBEED8)    |
| YUV                                 | 229.8110, -6.8088,<br>-9.4812 |
| Hunter-Lab                          | 90.0927, -14.6474,<br>12.5044 |

# Details

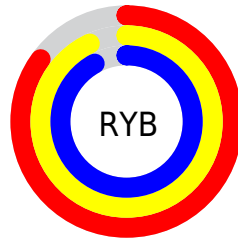
The Hex color **DBEED8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EBD8EE**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **A4B6A1** is the 20% darker color. If you saturate the color by 10%, you get **C6EEC0**, and if you desaturate by 10%, it is **F0EEF0**.

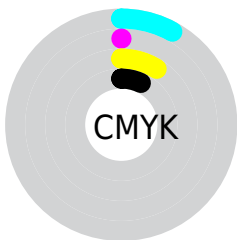
# Distribution



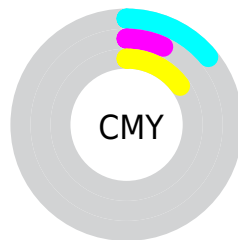
- Red (86%)
- Green (93%)
- Blue (85%)



- Red (85%)
- Yellow (93%)
- Blue (92%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBEED8 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 DBEED8 by changing the saturation by 10% instead.



 DBEED8

FFFFFF

 DBEED8

 BFD2BC

 A4B6A1

 8A9B87

 70816E

 586855

 40503E

 2A3928

 152314

 000E00

 DBEED8

 DBEED8

 C6EEC0

 F0EEF0

 B2EEA8

 FFEEFF

 9DEE91

 89EE79

 74EE61

 60EE49

 4BEE31

 37EE1A

 22EE02

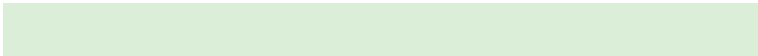
# Harmonies

## Analogous

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



EAEAD1



DBEED8



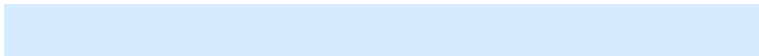
CFF0E4

# Triad

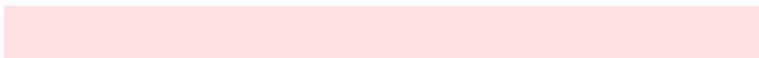
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBEED8



D7EBFF



FFE0E0

# Complementary

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



DBEED8



EBD8EE

# 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.



FFE0ED



DBEED8



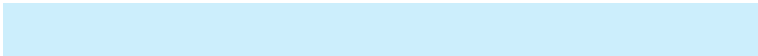
E6E7FF

# Square

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



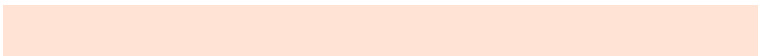
DBEED8



CCEEFC



F5E3F9



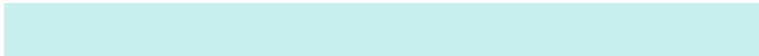
FFE3D5

# Rectangle

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



DBEED8



CAF0ED



F5E3F9



FFE0E5



# Sweetspot

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



DBEED8



F8FFF7



EEEBD8



7B807A



000000



808080

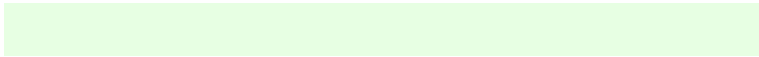


# Same Dimension

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



DBEED8



E7FFE3



D8EEE0



6D786C



19B800



083800



# Inverse Universe

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



EBD8EE



FBE3FF



EED8E6



766C78



9F00B8

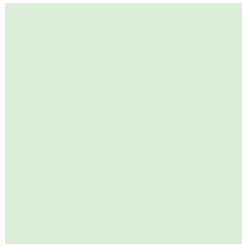


300038



# Previews

## White Background



This preview shows how the Hex color DBEED8 looks on a white background.

## Color Contrast Check

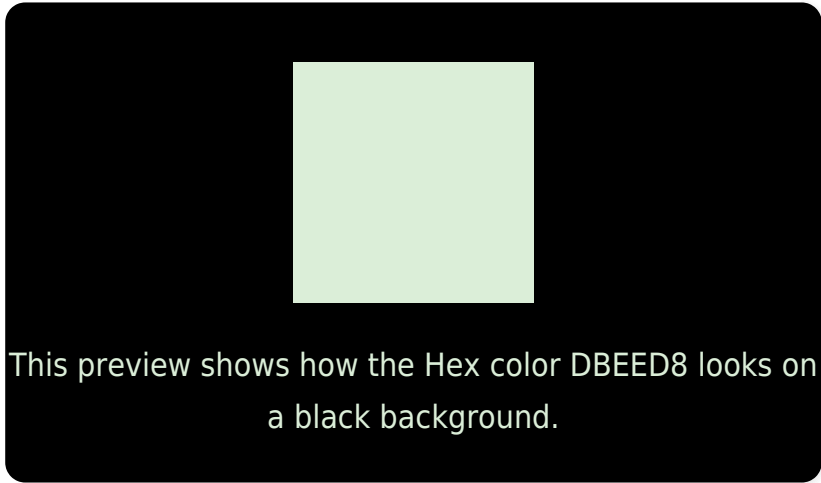
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

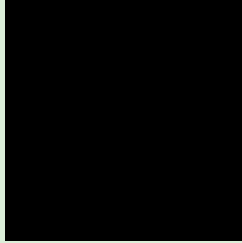
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

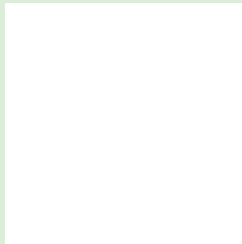
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBEED8 Background



This preview shows how black text looks on a background with the Hex color DBEED8.

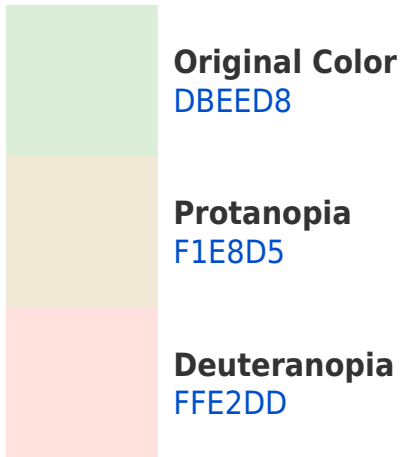


This preview shows how white text looks on a background with the Hex color DBEED8.

# 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



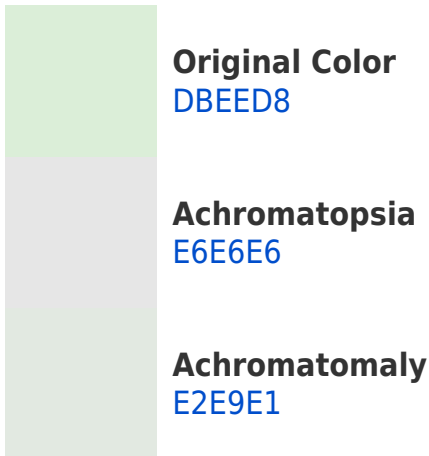


**Tritanopia**  
E1E9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBEED8 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 #DBEED8 looks like.

```
.text, #text, p{  
    color:#DBEED8  
}
```

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 #DBEED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBEED8
}
```

## Border

The CSS property to change the border of an element to Hex DBEED8 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
#DBEED8 }
```

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

```
.border{ border-color:#DBEED8 }
```

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

Here you see how a box with a 4 pixel #DBEED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBEED8; -webkit-box-shadow:4px 4px  
4px 4px #DBEED8; box-shadow:4px 4px 4px  
4px #DBEED8 }
```

# Background

The CSS property to change the background color of an element to Hex DBEED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBEED8 }
```

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

```
.background{ background-color:#DBEED8 }
```

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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