

# Converting Colors

Hex(DBF3EB)

Have a look what the booklet for  
Hex(DBF3EB) contains.

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# **Color**

**Hex(DBF3EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBF3EB
RGB	219, 243, 235
RGB Percent	86%, 95%, 92%
CMY	0.1412, 0.0471, 0.0784
CMYK	0.10, 0.00, 0.03, 0.05
HSL	160°, 50%, 91%
HSV	160°, 10%, 95%
XYZ	76.2594, 85.1594, 91.0154
YIQ	234.9120, -11.7360, -7.5760

# Conversions

## Conversions Part 2

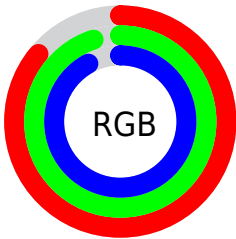
Format	Color
R <sub>Y</sub> B	219, 233, 243
Decimal	14414827
CIE Lab	93.95, -9.32, 1.17
CIE LCh	94, 9.394, 172.834
Yxy	85.1594, 0.3021, 0.3374
Android (android.graphics.Color)	4292604907 (0xFFDBF3EB)
YUV	234.9120, 0.0434, -13.9548
Hunter-Lab	92.2819, -13.9853, 6.1210

# Details

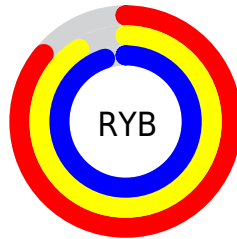
The Hex color **DBF3EB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F3DBE3**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **A4BBB3** is the 20% darker color. If you saturate the color by 10%, you get **C3F3E3**, and if you desaturate by 10%, it is **F3F3F3**.

# Distribution



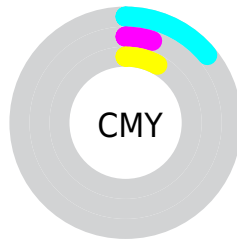
- Red (86%)
- Green (95%)
- Blue (92%)



- Red (86%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (14%)
- Magenta (5%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBF3EB 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 DBF3EB by changing the saturation by 10% instead.



 DBF3EB

FFFFFF

 DBF3EB

 BFD7CF

 A4BBB3

 8AA099

 70867F

 576C66

 40544E

 293D37

 142722

 00130B

 DBF3EB

 DBF3EB

 C3F3E3

 F3F3F3

 AAF3DB

 FFF3FB

 92F3D3

 FFF3FF

 7AF3CB

 61F3C2

 49F3BA

 31F3B2

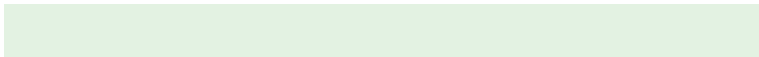
 19F3AA

 00F3A2

# Harmonies

## Analogous

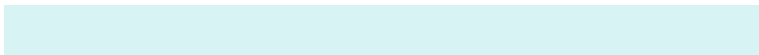
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E3F2E2



DBF3EB



D8F3F4

# Triad

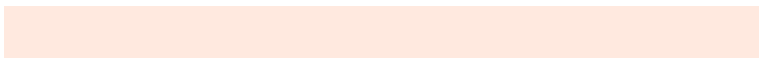
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBF3EB



EDECFE



FFE9DF

# Complementary

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



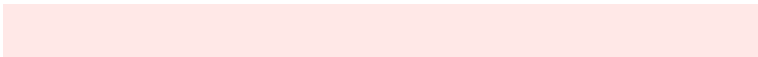
DBF3EB



F3DBE3

# 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.



FFE8E7



DBF3EB



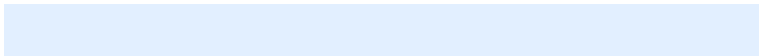
F8E9F9

# Square

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



DBF3EB



E2EFFF



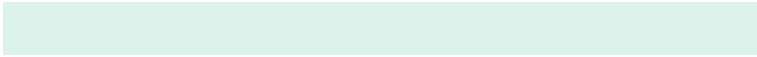
FFE8F0



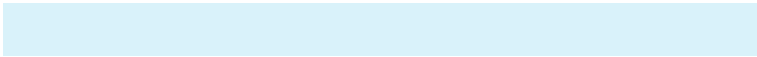
F8ECDC

# Rectangle

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



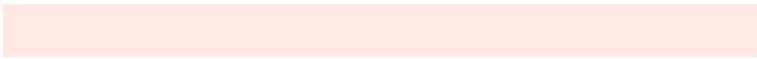
DBF3EB



D9F2FA



FFE8F0



FFE9E2



# Sweetspot

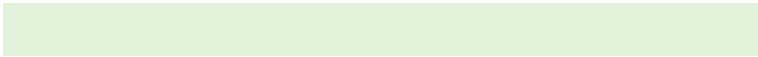
The Sweet Spot groups the original color and five complimentary colors.



DBF3EB



F7FFFC



E3F3DB



7A807E



000000



808080



# Same Dimension

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



DBF3EB



E0FFF5



DBEFF3



6E7A76



00BA7C



003B27



# Inverse Universe

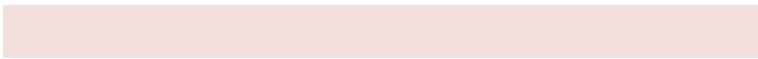
The Inverse Universe completely reimagines the original color for something new.



F3DBE3



FFE0EB



F3DFDB



7A6E72



BA003E

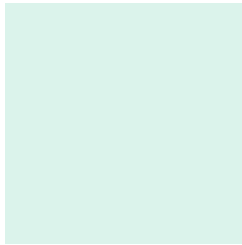


3B0014



# Previews

## White Background



This preview shows how the Hex color DBF3EB looks on a white background.

## Color Contrast Check

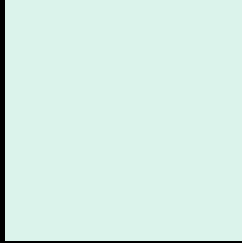
Large Text (above 18pt) WCAG AA × Fail

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 DBF3EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

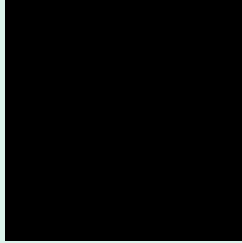
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

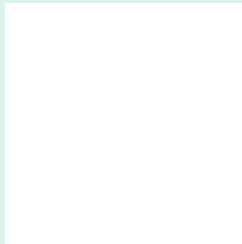
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBF3EB Background



This preview shows how black text looks on a background with the Hex color DBF3EB.



This preview shows how white text looks on a background with the Hex color DBF3EB.

# 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](#).

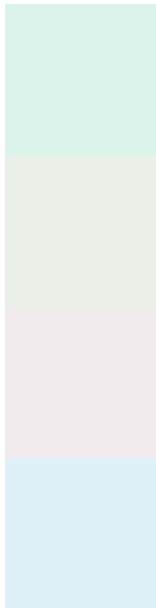
## Dichromacy





**Tritanopia**  
E2EFFF

# Trichromacy



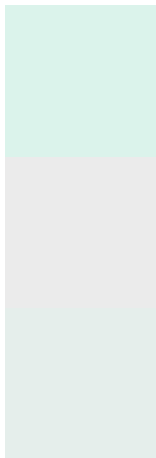
**Original Color**  
DBF3EB

**Protanomaly**  
EAEFE8

**Deuteranomaly**  
F2EBED

**Tritanomaly**  
DFF0F8

# Monochromacy



**Original Color**  
DBF3EB

**Achromatopsia**  
EBEBEB

**Achromatomaly**  
E5EEEB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBF3EB 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 #DBF3EB looks like.

```
.text, #text, p{  
    color:#DBF3EB  
}
```

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 #DBF3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF3EB
}
```

## Border

The CSS property to change the border of an element to Hex DBF3EB 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
#DBF3EB }
```

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

```
.border{ border-color:#DBF3EB }
```

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

Here you see how a box with a 4 pixel #DBF3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF3EB; -webkit-box-shadow:4px 4px  
4px 4px #DBF3EB; box-shadow:4px 4px 4px  
4px #DBF3EB }
```

# Background

The CSS property to change the background color of an element to Hex DBF3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF3EB }
```

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

```
.background{ background-color:#DBF3EB }
```

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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