

# Converting Colors

Hex(DBF0ED)

Have a look what the booklet for  
Hex(DBF0ED) contains.

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# **Color**

**Hex(DBF0ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBF0ED
RGB	219, 240, 237
RGB Percent	86%, 94%, 93%
CMY	0.1412, 0.0588, 0.0706
CMYK	0.09, 0.00, 0.01, 0.06
HSL	171°, 41%, 90%
HSV	171°, 9%, 94%
XYZ	75.6596, 83.4947, 92.2492
YIQ	233.3790, -11.5530, -5.3850

# Conversions

## Conversions Part 2

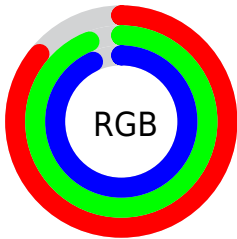
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 230, 240
Decimal	14414061
CIE Lab	93.23, -7.43, -0.92
CIE LCh	93, 7.490, 187.050
Yxy	83.4947, 0.3009, 0.3321
Android (android.graphics.Color)	4292604141 (0xFFDBF0ED)
YUV	233.3790, 1.7852, -12.6104
Hunter-Lab	91.3754, -12.1076, 4.1059

# Details

The Hex color **DBF0ED** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F0DBDE**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **A4B8B5** is the 20% darker color. If you saturate the color by 10%, you get **C3F0EA**, and if you desaturate by 10%, it is **F3F0F0**.

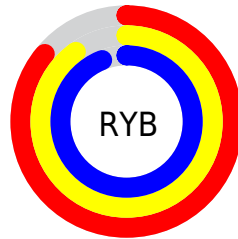
# Distribution



Red (86%)

Green (94%)

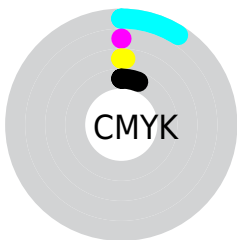
Blue (93%)



Red (86%)

Yellow (90%)

Blue (94%)

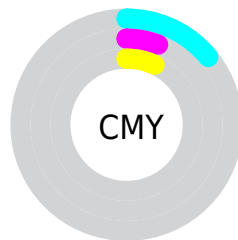


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBF0ED 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 DBF0ED by changing the saturation by 10% instead.



 DBF0ED

FFFFFF

 DBF0ED

 BFD4D1

 A4B8B5

 8A9D9A

 708380

 576A67

 40524F

 2A3B39

 152523

 00100D

 DBF0ED

 DBF0ED

 C3F0EA

 F3F0F0

 ABF0E6

 FFF0F4

 93F0E3

 FFF0F7

 7BF0DF

 FFF0FB

 63F0DC

 FFF0FE

 4BF0D8

 FFF0FF

 33F0D5

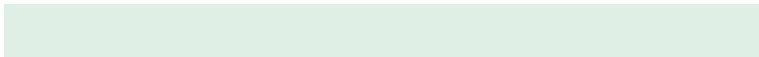
 1BF0D2

 03F0CE

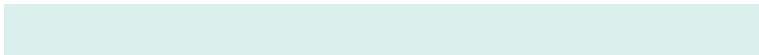
# Harmonies

## Analogous

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



E0EFE6



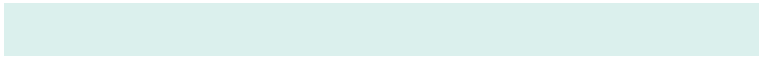
DBF0ED



DBEFF4

# Triad

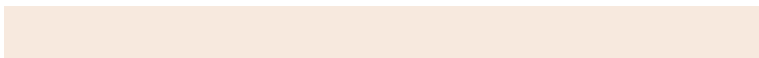
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DBF0ED



EFE9F7



F7E9DE

# Complementary

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



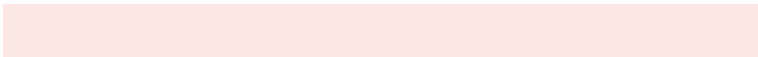
DBFOED



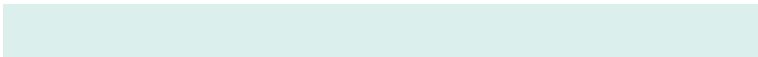
F0DBDE

# 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.



FBE7E3



DBF0ED



F7E7F1

# Square

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



DBF0ED



E6ECFA



FBE7EA



F0ECDD

# Rectangle

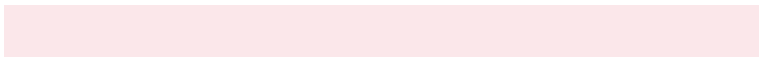
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



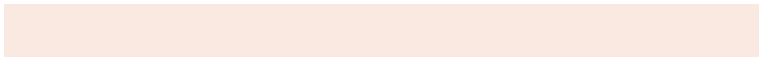
DBF0ED



DDEEF7



FBE7EA



F9E9E0



# Sweetspot

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



DBF0ED



F7FFFE



DEF0DB



7A807F



000000



808080



# Same Dimension

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



DBF0ED



E3FFFB



DBE9F0



6C7876



00B89D



003830



# Inverse Universe

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



F0DBDE



FFE3E7



F0E2DB



786C6E



B8001A

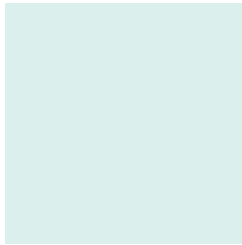


380008



# Previews

## White Background



This preview shows how the Hex color DBF0ED looks on a white background.

## Color Contrast Check

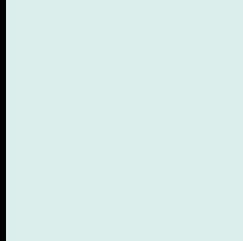
Large Text (above 18pt) WCAG AA × Fail

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 DBF0ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

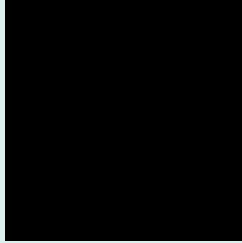
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

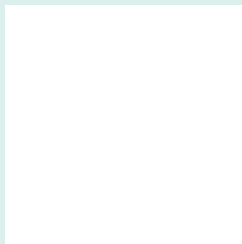
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBF0ED Background



This preview shows how black text looks on a background with the Hex color DBF0ED.

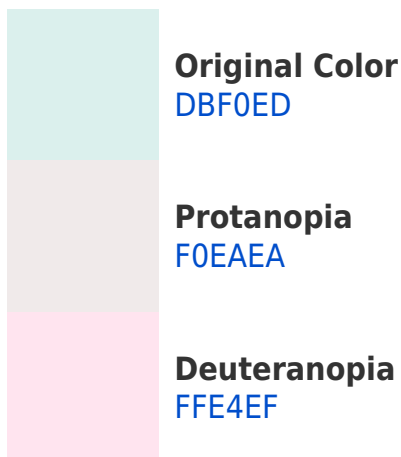


This preview shows how white text looks on a background with the Hex color DBF0ED.

# 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](#).

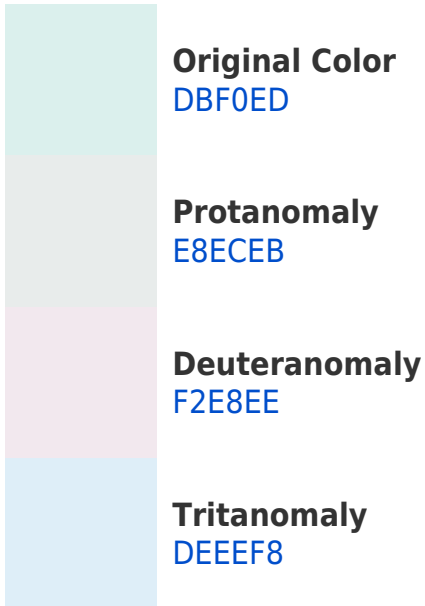
## Dichromacy



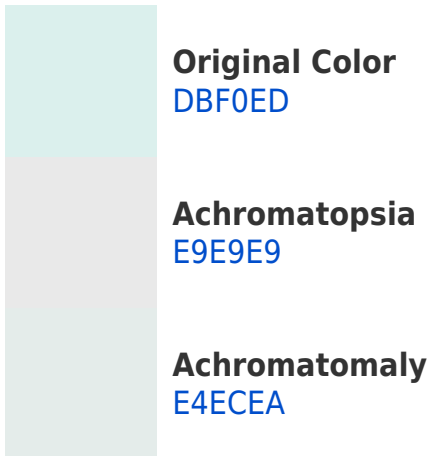


**Tritanopia**  
DFEDFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBF0ED 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 #DBF0ED looks like.

```
.text, #text, p{  
    color:#DBF0ED  
}
```

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 #DBF0ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBF0ED }
}
```

## Border

The CSS property to change the border of an element to Hex DBF0ED 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 #DBF0ED }
}
```

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

```
.border{ border-color:#DBF0ED }
```

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

Here you see how a box with a 4 pixel #DBF0ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBF0ED; -webkit-box-shadow:4px 4px  
4px 4px #DBF0ED; box-shadow:4px 4px 4px  
4px #DBF0ED }
```

# Background

The CSS property to change the background color of an element to Hex DBF0ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBF0ED }
```

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

```
.background{ background-color:#DBF0ED }
```

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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