

# Converting Colors

Hex(DBECF3)

Have a look what the booklet for  
Hex(DBECF3) contains.

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# **Color**

**Hex(DBECF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBECF3
RGB	219, 236, 243
RGB Percent	86%, 93%, 95%
CMY	0.1412, 0.0745, 0.0471
CMYK	0.10, 0.03, 0.00, 0.05
HSL	197°, 50%, 91%
HSV	197°, 10%, 95%
XYZ	75.3865, 81.5220, 96.5561
YIQ	231.7150, -12.3790, -1.4270

# Conversions

## Conversions Part 2

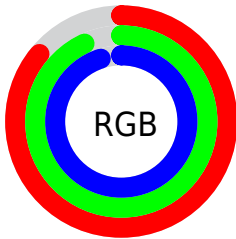
Format	Color
R <sub>Y</sub> B	219, 229, 243
Decimal	14413043
CIE Lab	92.36, -4.25, -5.31
CIE LCh	92, 6.807, 231.327
Yxy	81.5220, 0.2974, 0.3216
Android (android.graphics.Color)	4292603123 (0xFFDBECF3)
YUV	231.7150, 5.5635, -11.1511
Hunter-Lab	90.2896, -8.9696, -0.2023

# Details

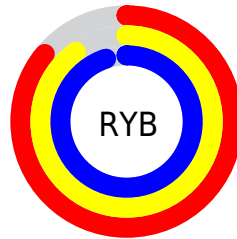
The Hex color **DBECF3** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F3E2DB**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **A4B4BB** is the 20% darker color. If you saturate the color by 10%, you get **C3E5F3**, and if you desaturate by 10%, it is **F3F3F3**.

# Distribution



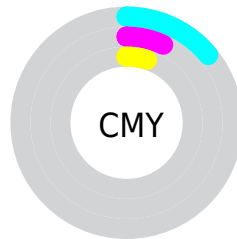
- Red (86%)
- Green (93%)
- Blue (95%)



- Red (86%)
- Yellow (90%)
- Blue (95%)



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



- Cyan (14%)
- Magenta (7%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBECF3 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 DBECF3 by changing the saturation by 10% instead.



 DBECF3

FFFFFF

 DBECF3

 BFD0D7

 A4B4BB

 8A99A0

 708086

 57666D

 404E54

 2A383D

 142227

 000C13

 DBECF3

 DBECF3

 C3E5F3

 F3F3F3

 AADEF3

 FFFAF3

 92D7F3

 FFFFF3

 7AD0F3

 61C9F3

 49C1F3

 31BAF3

 19B3F3

 00ACF3

# Harmonies

## Analogous

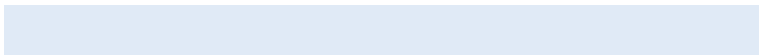
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D9EDEE



DBECF3



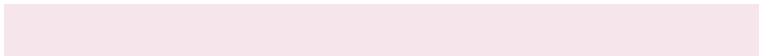
E0EAF6

# Triad

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



DBECF3



F6E5EB



EAEADD

# Complementary

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



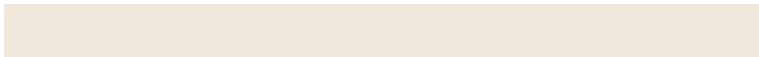
DBECF3



F3E2DB

# 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.



F1E8DC



DBECF3



F8E5E5

# Square

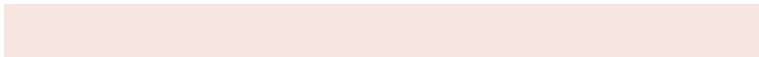
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



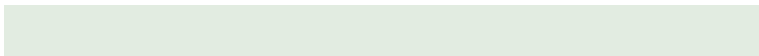
DBECF3



F0E6F1



F6E6DF



E2ECE1

# Rectangle

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



DBECF3



E6E9F6



F6E6DF



ECE9DC



# Sweetspot

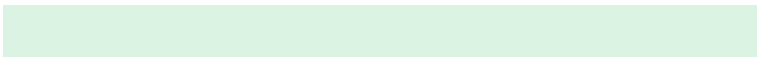
The Sweet Spot groups the original color and five complimentary colors.



DBECF3



F7FDFF



DBF3E2



7A7E80



000000



808080

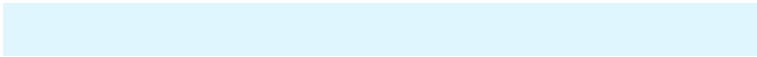


# Same Dimension

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



DBECF3



E0F6FF



DBE0F3



6E777A



0084BA



002A3B



# Inverse Universe

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



F3DBEC



FFE0F6



F3EEDB



7A6E77



BA0084

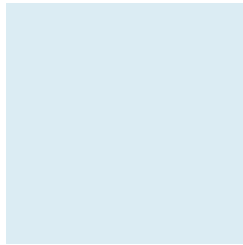


3B002A



# Previews

## White Background



This preview shows how the Hex color DBECF3 looks on a white background.

## Color Contrast Check

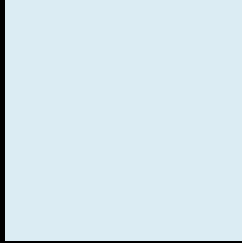
Large Text (above 18pt) WCAG AA × Fail

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 DBECF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

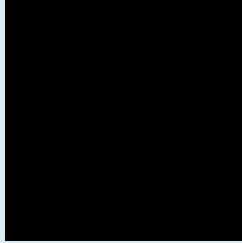
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

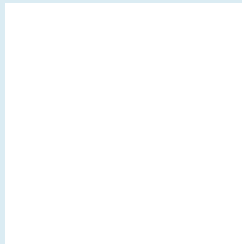
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DBECF3 Background



This preview shows how black text looks on a background with the Hex color DBECF3.

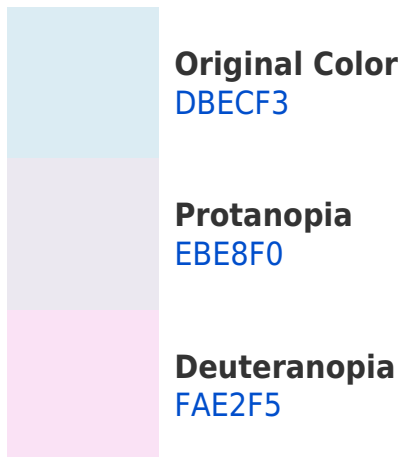


This preview shows how white text looks on a background with the Hex color DBECF3.

# 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



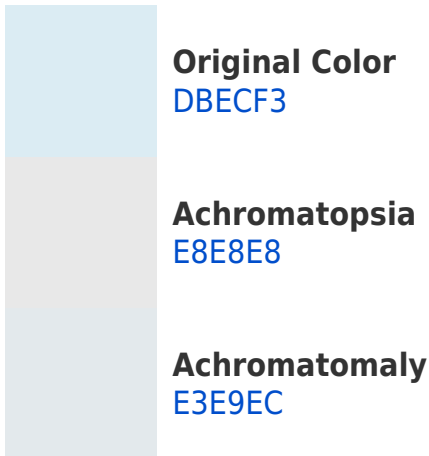


**Tritanopia**  
DDEAFD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBECF3 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 #DBECF3 looks like.

```
.text, #text, p{  
    color:#DBECF3  
}
```

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 #DBECF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBECF3  
}
```

## Border

The CSS property to change the border of an element to Hex DBECF3 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  
#DBECF3 }
```

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

```
.border{ border-color:#DBECF3 }
```

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

Here you see how a box with a 4 pixel #DBECF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBECF3; -webkit-box-shadow:4px 4px  
4px 4px #DBECF3; box-shadow:4px 4px 4px  
4px #DBECF3 }
```

# Background

The CSS property to change the background color of an element to Hex DBECF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBECF3 }
```

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

```
.background{ background-color:#DBECF3 }
```

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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