

# Converting Colors

Hex(DEBFDB)

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

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# **Color**

**Hex(DEBFDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEBFDB
RGB	222, 191, 219
RGB Percent	87%, 75%, 86%
CMY	0.1294, 0.2510, 0.1412
CMYK	0.00, 0.14, 0.01, 0.13
HSL	306°, 32%, 81%
HSV	306°, 14%, 87%
XYZ	61.5412, 57.9057, 74.9512
YIQ	203.4610, 9.4880, 15.2800

# Conversions

## Conversions Part 2

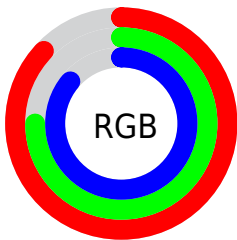
Format	Color
R <sub>Y</sub> B	222, 191, 219
Decimal	14598107
CIE Lab	80.69, 15.81, -9.89
CIE LCh	81, 18.647, 327.967
Yxy	57.9057, 0.3166, 0.2979
Android (android.graphics.Color)	4292788187 (0xFFDEBFDB)
YUV	203.4610, 7.6607, 16.2587
Hunter-Lab	76.0958, 11.1913, -5.1311

# Details

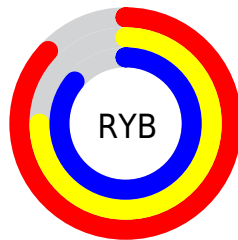
The Hex color **DEBFDB** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BFDEC2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFF7FF**, and **A789A4** is the 20% darker color. If you saturate the color by 10%, you get **DEA9D9**, and if you desaturate by 10%, it is **DED5DD**.

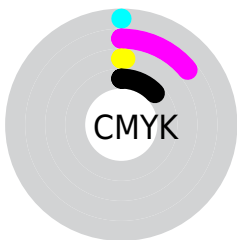
# Distribution



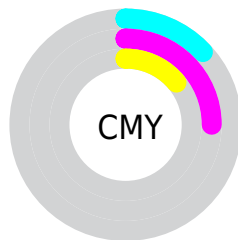
- Red (87%)
- Green (75%)
- Blue (86%)



- Red (87%)
- Yellow (75%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



 DEBFDB

FFFFFF

 FFF7FF

 DEBFDB

 C2A4BF

 A789A4

 8C708A

 725770

 5A4058

 422A41

 2B152A

 190016

 000000

 DEBFDB

 DEBFDB

 DEA9D9

 DED5DD

 DE93D7

 DEEBDF

 DE7CD5

 DEFFE1

 DE66D2

 DEFFE4

 DE50D0

 DEFFE6

 DE3ACE

 DEFFE8

 DE24CC

 DEFFEA

 DE0DCA

 DEFFEC

 DE00C9

 DEFFEE

# Harmonies

## Analogous

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



CAC4E7



DEBFDB



EABCCA

# Triad

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



DEBFDB



D7C7A6



9AD2D8

# Complementary

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



DEBFDB



BFDEC2

# 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.



A1D2C6



DEBFDB



C4CCA9

# Square

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



DEBFDB



E6C1AB



B0D0B5



A1CFE5

# Rectangle

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



DEBFDB



EDBCBE



B0D0B5



9BD2D2



# Sweetspot

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



DEBFDB



FFF5FE



C2BFDE



80797F



000000



808080



# Same Dimension

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



DEBFDB



FFD4FB



DEBFCC



70656F



B0009F



30002C



# Inverse Universe

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



DEBFDB



FFD4FB



BFDED1



70656F



B0009F

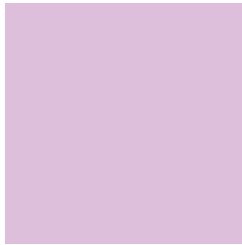


30002C



# Previews

## White Background



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

## Color Contrast Check

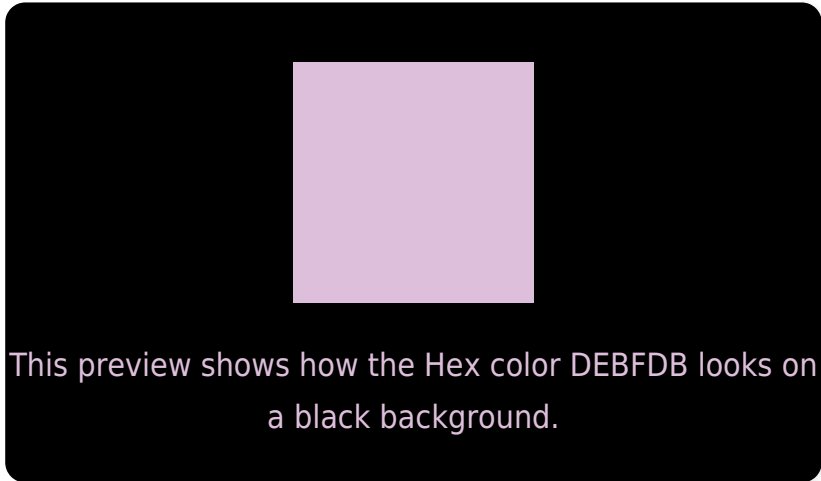
Large Text (above 18pt) WCAG AA × Fail

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

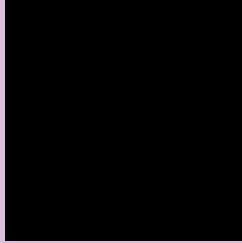
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DEBFDB Background



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

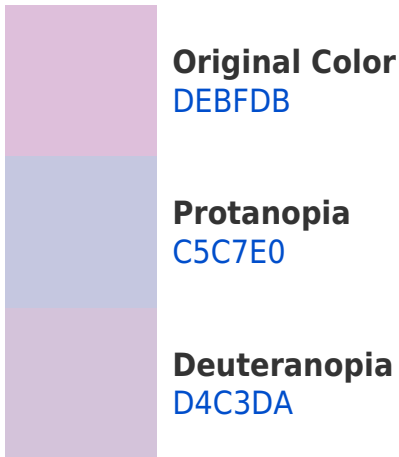


This preview shows how white text looks on a background with the Hex color DEBFDB.

# 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





# Trichromacy



**Original Color**  
DEBFDB

**Protanomaly**  
CEC4DE

**Deuteranomaly**  
D8C2DA

**Tritanomaly**  
DDC0D4

# Monochromacy



**Original Color**  
DEBFDB

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
D2C7D1

# CSS Examples

## Text

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

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

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 #DEBFDB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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