

# Converting Colors

Hex(DEBBDB)

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

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# **Color**

**Hex(DEBBDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEBBDB
RGB	222, 187, 219
RGB Percent	87%, 73%, 86%
CMY	0.1294, 0.2667, 0.1412
CMYK	0.00, 0.16, 0.01, 0.13
HSL	305°, 35%, 80%
HSV	305°, 16%, 87%
XYZ	60.6807, 56.1847, 74.6643
YIQ	201.1130, 10.5880, 17.3720

# Conversions

## Conversions Part 2

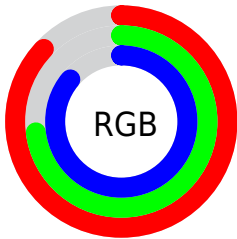
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 187, 219
Decimal	14597083
CIE <sub>Lab</sub>	79.72, 17.95, -11.33
CIE <sub>LCh</sub>	80, 21.231, 327.736
Yxy	56.1847, 0.3168, 0.2933
Android (android.graphics.Color)	4292787163 (0xFFDEBBDB)
YUV	201.1130, 8.8183, 18.3179
Hunter-Lab	74.9565, 13.3302, -6.5894

# Details

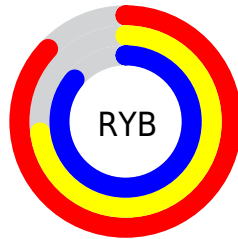
The Hex color **DEBBDB** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BBDEBE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF3FF**, and **A786A4** is the 20% darker color. If you saturate the color by 10%, you get **DEA5D9**, and if you desaturate by 10%, it is **DED1DD**.

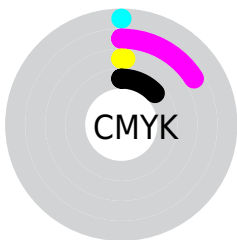
# Distribution



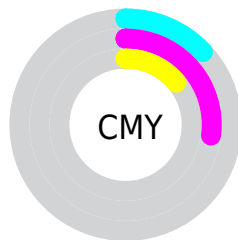
- Red (87%)
- Green (73%)
- Blue (86%)



- Red (87%)
- Yellow (73%)
- Blue (86%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



 DEBBDB

 DEBBDB

FFFFFF

 C2A0BF

 FFF3FF

 A786A4

 8C6C8A

 725470

 5A3C58

 422640

 2B112A

 190016

 000000

 DEBBDB

 DEBBDB

 DEA5D9

 DED1DD

 DE8FD7

 DEE7DF

 DE78D5

 DEFEE1

 DE62D3

 DEFFE3

 DE4CD1

 DEFFE5

 DE36D0

 DEFFE6

 DE20CE

 DEFFE8

 DE09CC

 DEFFEA

 DE00CB

 DEFFEC

# Harmonies

## Analogous

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



C7C1E9



DEBBDB



ECB8C8

# Triad

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



DEBBDB



D6C49E



90D1D7

# Complementary

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



DEBBDB



BBDEBE

# 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.



98D1C3



DEBBDB



C1CAA2

# Square

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



DEBBDB



E7BDA5



AACFB0



98CDE6

# Rectangle

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



DEBBDB



EFB8BA



AACFB0



91D1D1



# Sweetspot

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



DEBBDB



FFF2FE



BEBBDE



80787F



000000



808080



# Same Dimension

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



DEBBDB



FFCFFB



DEBBCA



70656F



B000A1



30002C



# Inverse Universe

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



DEBBDB



FFCFFB



BBDECF



70656F



B000A1

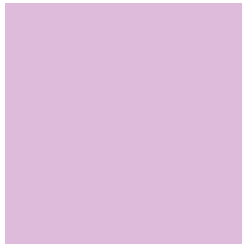


30002C



# Previews

## White Background



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

## Color Contrast Check

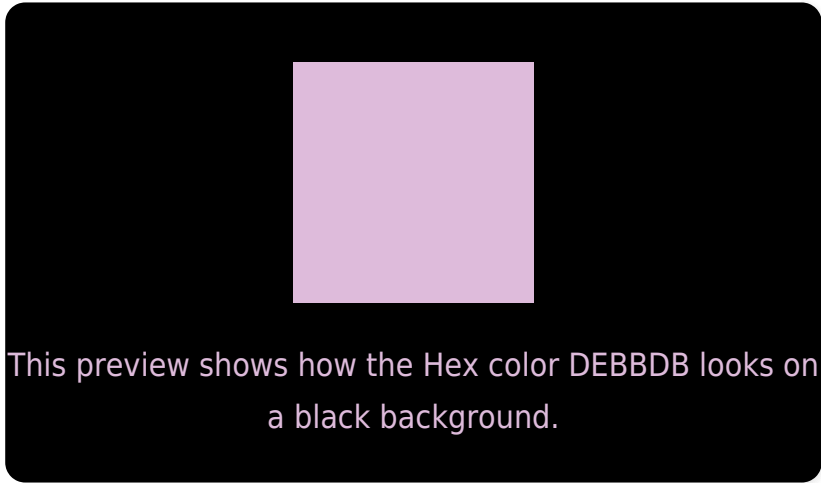
Large Text (above 18pt) WCAG AA × Fail

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

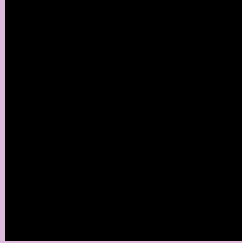
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DEBBDB Background



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

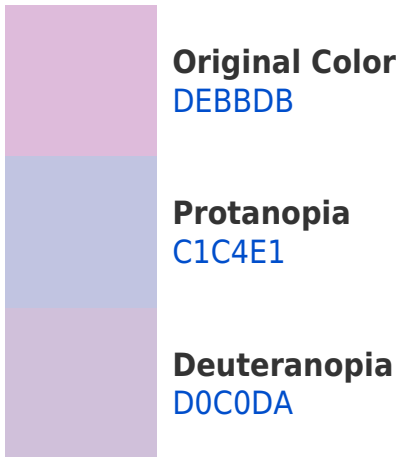


This preview shows how white text looks on a background with the Hex color DEBBDB.

# 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**  
DEBBDB

**Protanomaly**  
CCC1DF

**Deuteranomaly**  
D5BEDA

**Tritanomaly**  
DDBDD1

# Monochromacy



**Original Color**  
DEBBDB

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
D1C4D0

# CSS Examples

## Text

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

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

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 #DEBBDB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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