

# Converting Colors

Hex(DEBBDE)

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

<b>Hex(DEBBDE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DEBBDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEBBDE
RGB	222, 187, 222
RGB Percent	87%, 73%, 87%
CMY	0.1294, 0.2667, 0.1294
CMYK	0.00, 0.16, 0.00, 0.13
HSL	300°, 35%, 80%
HSV	300°, 16%, 87%
XYZ	61.0793, 56.3442, 76.7635
YIQ	201.4550, 9.6250, 18.3050

# Conversions

## Conversions Part 2

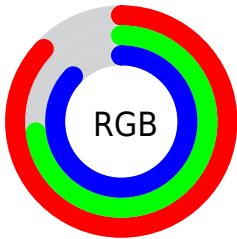
Format	Color
R <sub>Y</sub> B	222, 187, 222
Decimal	14597086
CIE Lab	79.81, 18.50, -12.81
CIE LCh	80, 22.508, 325.295
Yxy	56.3442, 0.3145, 0.2902
Android (android.graphics.Color)	4292787166 (0xFFDEBBDE)
YUV	201.4550, 10.1287, 18.0180
Hunter-Lab	75.0628, 13.8875, -8.0895

# Details

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

A 20% lighter version of the original color is **FFF3FF**, and **A786A7** is the 20% darker color. If you saturate the color by 10%, you get **DEA5DE**, and if you desaturate by 10%, it is **DED1DE**.

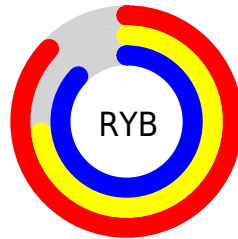
# Distribution



Red (87%)

Green (73%)

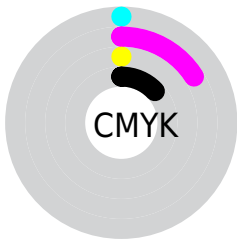
Blue (87%)



Red (87%)

Yellow (73%)

Blue (87%)

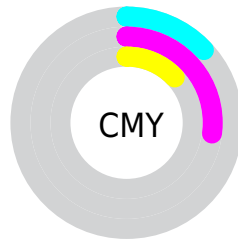


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (27%)

Yellow (13%)

# Brightness & Saturation Gradients

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



 DEBBDE

 DEBBDE

FFFFFF

 C2A0C2

 FFF3FF

 A786A7

 8C6C8C

 725473

 593C5A

 422643

 2B112D

 190019

 000000

 DEBBDE

 DEBBDE

 DEA5DE

 DED1DE

 DE8FDE

 DEE7DE

 DE78DE

 DEFEDE

 DE62DE

 DEFFDE

 DE4CDE

 DE36DE

 DE20DE

 DE09DE

 DE00DE

# Harmonies

## Analogous

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



C5C2EC



DEBBDE



EEB7CA

# Triad

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



DEBBDE



D9C39C



8CD2D7

# Complementary

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



DEBBDE



BBDEBB

# 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.



96D2C2



DEBBDE



C3CAA0

# Square

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



DEBBDE



EABDA4



ABCFAD



93CEE8

# Rectangle

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



DEBBDE



F1B7BC



ABCFAD



8ED2D0



# Sweetspot

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



DEBBDE



FFF2FF



BBBBDE



807880



000000



808080



# Same Dimension

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



DEBBDE



FFCFFF



DEBBCC



706570



B000B0



300030



# Inverse Universe

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



DEBBDE



FFCFFF



BBDECC



706570



B000B0

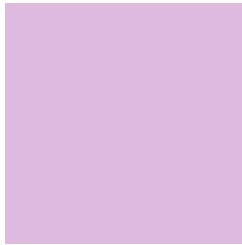


300030



# Previews

## White Background



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

## Color Contrast Check

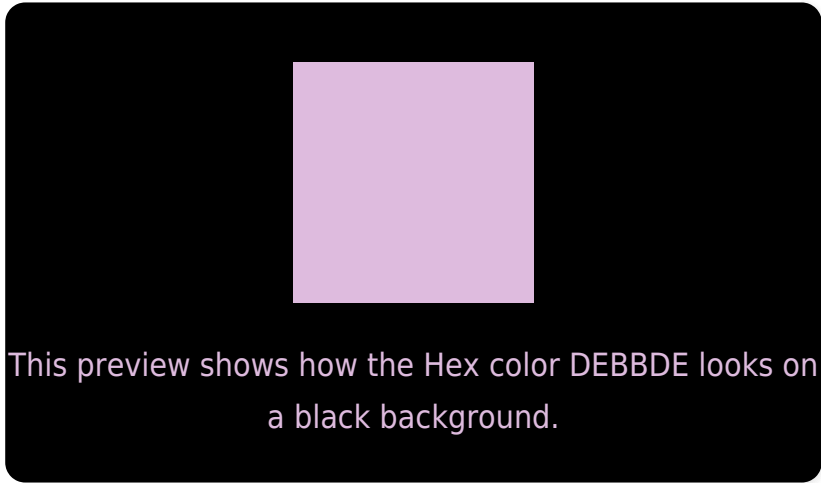
Large Text (above 18pt) WCAG AA × Fail

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

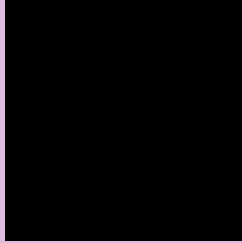
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DEBBDE Background



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

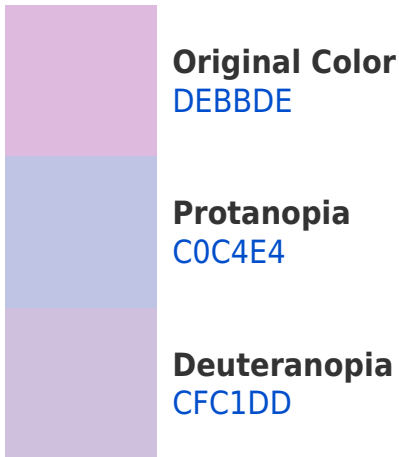


This preview shows how white text looks on a background with the Hex color DEBBDE.

# 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**  
DEBBDE

**Protanomaly**  
CBC1E2

**Deuteranomaly**  
D4BFDD

**Tritanomaly**  
DDBDD3

# Monochromacy



**Original Color**  
DEBBDE

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
D1C4D1

# CSS Examples

## Text

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

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

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 #DEBBDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor