

# Converting Colors

Hex(DEBECE)

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

<b>Hex(DEBECE)</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(DEBECE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEBECE
RGB	222, 190, 206
RGB Percent	87%, 75%, 81%
CMY	0.1294, 0.2549, 0.1922
CMYK	0.00, 0.14, 0.07, 0.13
HSL	330°, 33%, 81%
HSV	330°, 14%, 87%
XYZ	59.6782, 56.8127, 66.2131
YIQ	201.3920, 13.9360, 11.7600

# Conversions

## Conversions Part 2

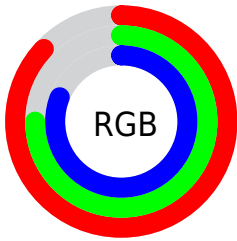
Format	Color
R <sub>Y</sub> B	222, 190, 206
Decimal	14597838
CIE Lab	80.07, 14.04, -3.80
CIE LCh	80, 14.542, 344.859
Yxy	56.8127, 0.3266, 0.3110
Android (android.graphics.Color)	4292787918 (0xFFDEBECE)
YUV	201.3920, 2.2717, 18.0732
Hunter-Lab	75.3742, 9.4241, 0.6782

# Details

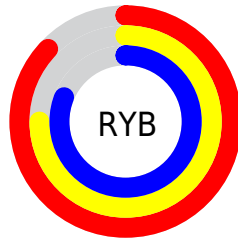
The Hex color **DEBECE** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **BEDECE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF6FF**, and **A78998** is the 20% darker color. If you saturate the color by 10%, you get **DEA8C3**, and if you desaturate by 10%, it is **DED4D9**.

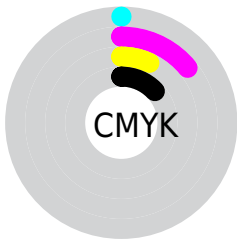
# Distribution



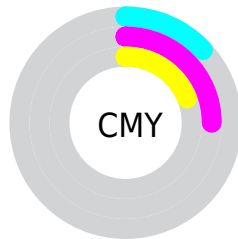
- Red (87%)
- Green (75%)
- Blue (81%)



- Red (87%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 DEBECE

FFFFFF

 FFF6FF

 DEBECE

 C2A3B3

 A78998

 8C6F7E

 725765

 5A3F4D

 422936

 2B1421

 19000A

 000000

 DEBECE

 DEBECE

 DEA8C3

 DED4D9

 DE92B8

 DEEAE4

 DE7BAD

 DEFFEF

 DE65A2

 DEFFFA

 DE4F97

 DEFFFF

 DE398B

 DE2380

 DE0C75

 DE006F

# Harmonies

## Analogous

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



D1C1DA



DEBECE



E4BDC0

# Triad

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



DEBECE



CAC8AC



A6CDD9

# Complementary

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



DEBECE



BEDECE

# 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.



A5CFCD



DEBECE



BBCCB3

# Square

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



DEBECE



D8C3AD



ADCEBF



B0CAE0

# Rectangle

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



DEBECE



E3BFB8



ADCEBF



A4CED6



# Sweetspot

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



DEBECE



FFF5FA



CEBEDE



80797C



000000



808080



# Same Dimension

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



DEBECE



FFD4E9



DEBEBE



70656B



B00058



300018



# Inverse Universe

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



DEBECE



FFD4E9



BEDEDE



70656B



B00058

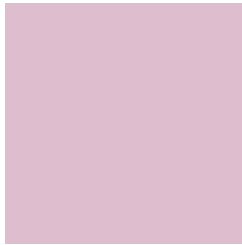


300018



# Previews

## White Background



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

## Color Contrast Check

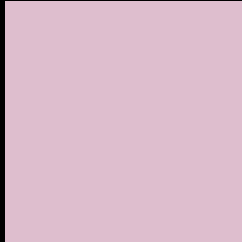
Large Text (above 18pt) WCAG AA × Fail

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 DEBECE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

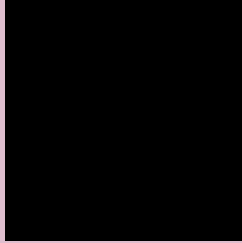
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DEBECE Background



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

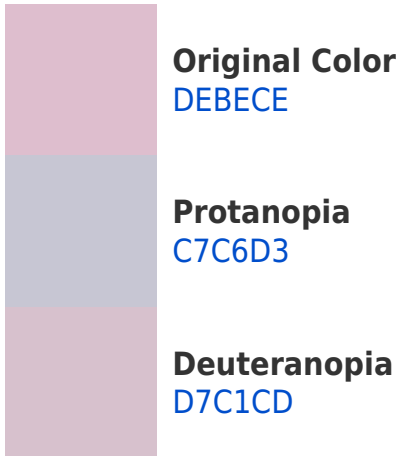


This preview shows how white text looks on a background with the Hex color DEBECE.

# 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**  
DEBECE

**Protanomaly**  
CFC3D1

**Deuteranomaly**  
DAC0CD

**Tritanomaly**  
DEBECD

# Monochromacy



**Original Color**  
DEBECE

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
D1C5CB

# CSS Examples

## Text

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

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

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 #DEBECE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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