

# Converting Colors

Hex(DEBADE)

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

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# **Color**

**Hex(DEBADE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEBADE
RGB	222, 186, 222
RGB Percent	87%, 73%, 87%
CMY	0.1294, 0.2706, 0.1294
CMYK	0.00, 0.16, 0.00, 0.13
HSL	300°, 35%, 80%
HSV	300°, 16%, 87%
XYZ	60.8679, 55.9213, 76.6931
YIQ	200.8680, 9.9000, 18.8280

# Conversions

## Conversions Part 2

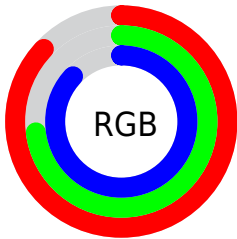
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 186, 222
Decimal	14596830
CIE Lab	79.57, 19.04, -13.17
CIE LCh	80, 23.154, 325.320
Yxy	55.9213, 0.3146, 0.2890
Android (android.graphics.Color)	4292786910 (0xFFDEBADE)
YUV	200.8680, 10.4181, 18.5328
Hunter-Lab	74.7806, 14.4247, -8.4599

# Details

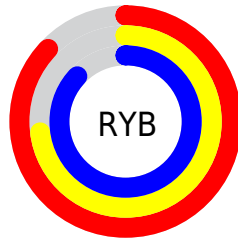
The Hex color **DEBADE** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BADEBA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF2FF**, and **A785A7** is the 20% darker color. If you saturate the color by 10%, you get **DEA4DE**, and if you desaturate by 10%, it is **DED0DE**.

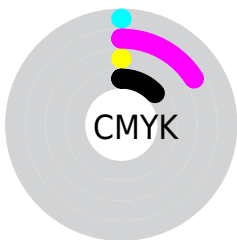
# Distribution



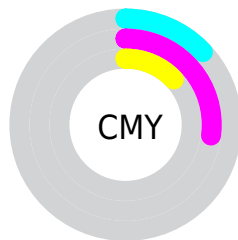
- Red (87%)
- Green (73%)
- Blue (87%)



- 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 DEBADE 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 DEBADE by changing the saturation by 10% instead.



 DEBADE

FFFFFF

 FFF2FF

 DEBADE

 C29FC2

 A785A7

 8C6B8C

 725373

 593B5A

 422543

 2B102D

 180018

 000000

 DEBADE

 DEBADE

 DEA4DE

 DED0DE

 DE8EDE

 DEE6DE

 DE77DE

 DEFDDDE

 DE61DE

 DEFFDE

 DE4BDE

 DE35DE

 DE1FDE

 DE08DE

 DE00DE

# Harmonies

## Analogous

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



C5C1EC



DEBADE



EEB6C9

# Triad

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



DEBADE



D9C39A



89D1D7

# Complementary

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



DEBADE



BADEBA

# 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.



94D1C1



DEBADE



C2C99E

# Square

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



DEBADE



EABCA2



A9CFAC



91CEE8

# Rectangle

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



DEBADE



F2B6BB



A9CFAC



8BD2D0



# Sweetspot

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



DEBADE



FFF2FF



BABADE



807880



000000



808080



# Same Dimension

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



DEBADE



FFCFFF



DEBACC



706570



B000B0



300030



# Inverse Universe

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



DEBADE



FFCFFF



BADECC



706570



B000B0

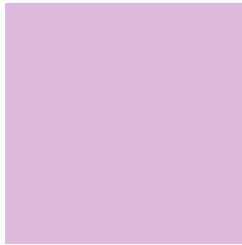


300030



# Previews

## White Background



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

## Color Contrast Check

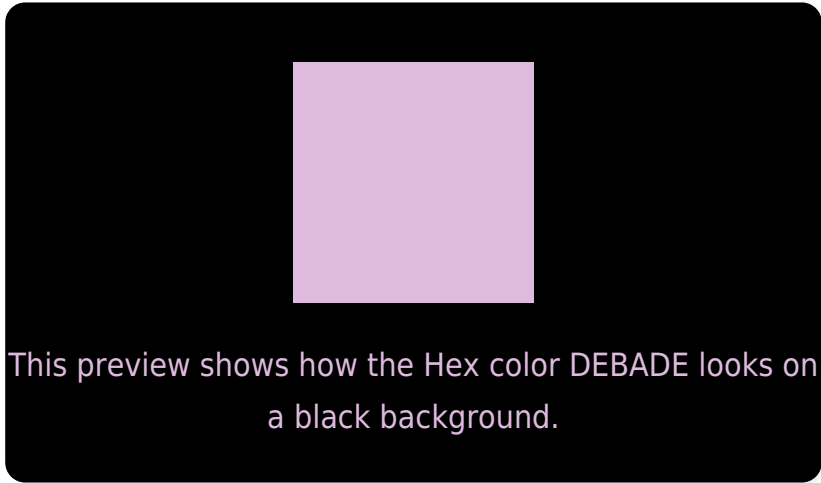
Large Text (above 18pt) WCAG AA × Fail

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 DEBADE Background



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

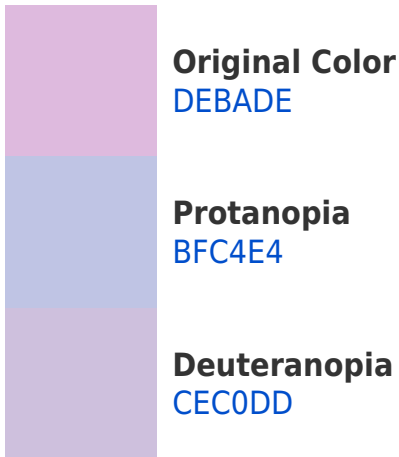


This preview shows how white text looks on a background with the Hex color DEBADE.

# 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**  
DEBADE

**Protanomaly**  
CAC0E2

**Deuteranomaly**  
D4BEDD

**Tritanomaly**  
DCBCD3

# Monochromacy



**Original Color**  
DEBADE

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
D1C4D1

# CSS Examples

## Text

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

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

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 #DEBADE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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