

# Converting Colors

Hex(DE7B8D)

Have a look what the booklet for  
Hex(DE7B8D) contains.

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# **Color**

**Hex(DE7B8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE7B8D
RGB	222, 123, 141
RGB Percent	87%, 48%, 55%
CMY	0.1294, 0.5176, 0.4471
CMYK	0.00, 0.45, 0.36, 0.13
HSL	349°, 60%, 68%
HSV	349°, 45%, 87%
XYZ	42.0149, 31.6186, 29.0879
YIQ	154.6530, 53.2260, 26.5860

# Conversions

## Conversions Part 2

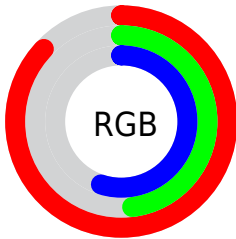
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">222, 123, 141</a>
Decimal	<a href="#">14580621</a>
CIELab	<a href="#">63.03, 40.25, 7.44</a>
CIELCh	<a href="#">63, 40.934, 10.476</a>
Yxy	<a href="#">31.6186, 0.4090, 0.3078</a>
Android (android.graphics.Color)	<a href="#">4292770701 (0xFFDE7B8D)</a>
YUV	<a href="#">154.6530, -6.7309, 59.0633</a>
Hunter-Lab	<a href="#">56.2304, 34.9704, 8.6907</a>

# Details

The Hex color **DE7B8D** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7BDECC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB1C3**, and **A4475B** is the 20% darker color. If you saturate the color by 10%, you get **DE657B**, and if you desaturate by 10%, it is **DE919F**.

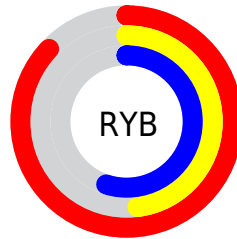
# Distribution



Red (87%)

Green (48%)

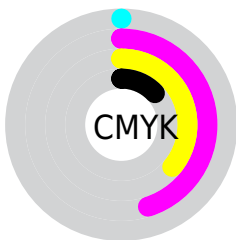
Blue (55%)



Red (87%)

Yellow (48%)

Blue (55%)

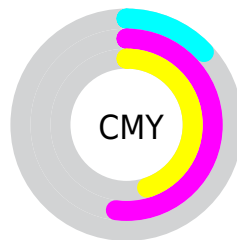


Cyan (0%)

Magenta (45%)

Yellow (36%)

Black (13%)



Cyan (13%)

Magenta (52%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE7B8D 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 DE7B8D by changing the saturation by 10% instead.



 DE7B8D

 DE7B8D

FFFFFF

 C16174

 FFB1C3

 A4475B

 FFCDDDE

 882E44

 FFEAFB

 6C122E

 510019

 380000

 160000

 000000

 DE7B8D

 DE7B8D

 DE657B

 DE919F

 DE4F69

 DEA7B1

 DE3857

 DEBEC3

 DE2244

 DED4D6

 DE0C32

 DEEAE8

 DE0028

 DEFFFA

 DEFFFF

# Harmonies

## Analogous

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



D07EB2



DE7B8D



D9826B

# Triad

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



DE7B8D



7BA460



1DA3DC

# Complementary

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



DE7B8D



7BDECC

# 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.



00A9C7



DE7B8D



4AAA7F

# Square

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



DE7B8D



A39B4F



00ACA5



7698E0

# Rectangle

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



DE7B8D



CC8A5A



00ACA5



00A6D7



# Sweetspot

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



DE7B8D



FFDEE4



CC7BDE



806B6F



000000



808080



# Same Dimension

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



DE7B8D



FF758E



DE9A7B



706567



B00020



300009



# Inverse Universe

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



DE7B8D



FF758E



7BBFDE



706567



B00020



300009



# Previews

## White Background



This preview shows how the Hex color DE7B8D looks on a white background.

## Color Contrast Check

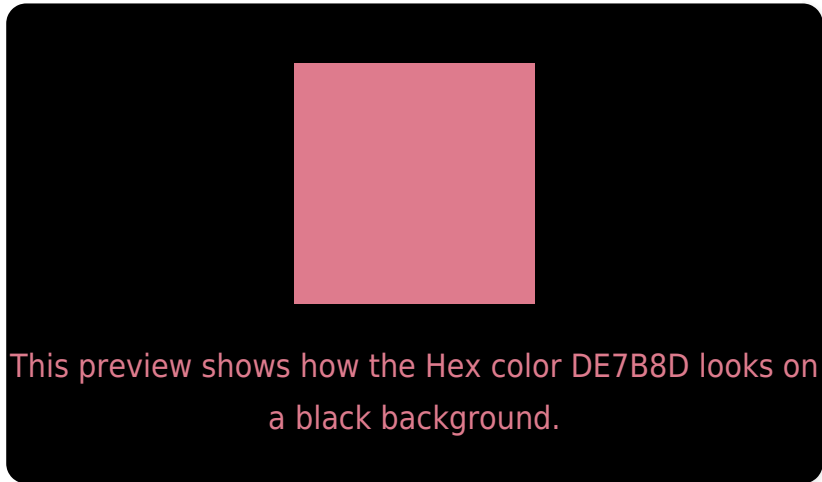
Large Text (above 18pt) WCAG AA × Fail

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 DE7B8D Background



This preview shows how black text looks on a background with the Hex color DE7B8D.

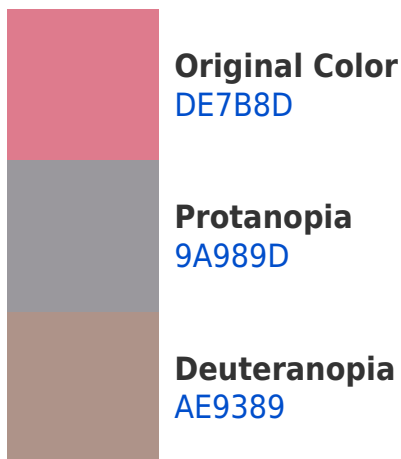


This preview shows how white text looks on a background with the Hex color DE7B8D.

# 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





**Tritanopia**  
DD7C85

# Trichromacy



**Original Color**  
DE7B8D

**Protanomaly**  
B38D97

**Deuteranomaly**  
BF8A8A

**Tritanomaly**  
DD7C88

# Monochromacy



**Original Color**  
DE7B8D

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
B38F96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE7B8D 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 #DE7B8D looks like.

```
.text, #text, p{  
    color:#DE7B8D  
}
```

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 #DE7B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7B8D
}
```

## Border

The CSS property to change the border of an element to Hex DE7B8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

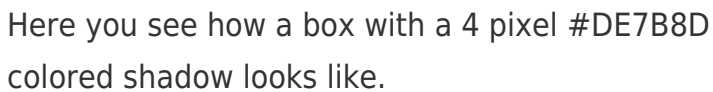
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE7B8D }
```

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

```
.border{ border-color:#DE7B8D }
```

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



Here you see how a box with a 4 pixel #DE7B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7B8D; -webkit-box-shadow:4px 4px  
4px 4px #DE7B8D; box-shadow:4px 4px 4px  
4px #DE7B8D }
```

# Background

The CSS property to change the background color of an element to Hex DE7B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7B8D }
```

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

```
.background{ background-color:#DE7B8D }
```

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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