

# Converting Colors

Hex(DE7CBB)

Have a look what the booklet for  
Hex(DE7CBB) contains.

<b>Hex(DE7CBB)</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(DE7CBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE7CBB
RGB	222, 124, 187
RGB Percent	87%, 49%, 73%
CMY	0.1294, 0.5137, 0.2667
CMYK	0.00, 0.44, 0.16, 0.13
HSL	321°, 60%, 68%
HSV	321°, 44%, 87%
XYZ	46.3015, 33.5328, 51.0458
YIQ	160.4840, 38.1850, 40.3690

# Conversions

## Conversions Part 2

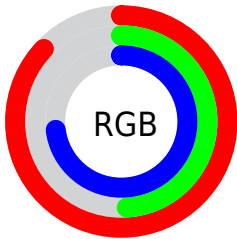
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 124, 187
Decimal	14580923
CIE Lab	64.59, 46.05, -16.42
CIE LCh	65, 48.889, 340.374
Yxy	33.5328, 0.3538, 0.2562
Android (android.graphics.Color)	4292771003 (0xFFDE7CBB)
YUV	160.4840, 13.0724, 53.9495
Hunter-Lab	57.9075, 41.3864, -11.7293

# Details

The Hex color **DE7CBB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7CDE9F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB3F3**, and **A54786** is the 20% darker color. If you saturate the color by 10%, you get **DE66B3**, and if you desaturate by 10%, it is **DE92C3**.

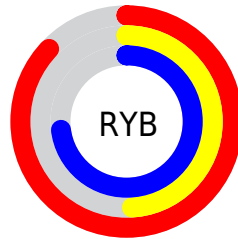
# Distribution



Red (87%)

Green (49%)

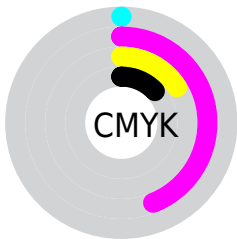
Blue (73%)



Red (87%)

Yellow (49%)

Blue (73%)

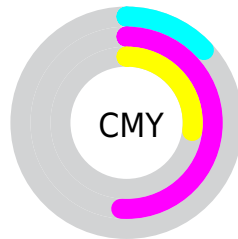


Cyan (0%)

Magenta (44%)

Yellow (16%)

Black (13%)



Cyan (13%)

Magenta (51%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE7CBB 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 DE7CBB by changing the saturation by 10% instead.



 DE7CBB

 DE7CBB

FFFFFF

 C162A0

 FFB3F3

 A54786

 FFCFFF

 892D6C

 FFECCF

 6E0E54

 54003D

 3B0027

 210011

 000000

 DE7CBB

 DE7CBB

 DE66B3

 DE92C3

 DE50AB

 DEA8CB

 DE39A3

 DEBFD3

 DE239B

 DED5DB

 DE0D93

 DEEBE3

 DE008F

 DEFFEB

 DEFFF3

 DEFFFA

 DEFFFF

# Harmonies

## Analogous

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



B48BDF



DE7CBB



EE778F

# Triad

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



DE7CBB



A89F43



00B1D4

# Complementary

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



DE7CBB



7CDE9F

# 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.



00B3AB



DE7CBB



78AA57

# Square

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



DE7CBB



CE9049



34B17E



00A9EE

# Rectangle

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



DE7CBB



EC7C73



34B17E



00B2C8



# Sweetspot

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



DE7CBB



FFDEF3



9E7CDE



806B78



000000



808080



# Same Dimension

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



DE7CBB



FF78CF



DE7C8B



70656C



B00071



30001F



# Inverse Universe

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



DE7CBB



FF78CF



7CDECF



70656C



B00071



30001F



# Previews

## White Background



This preview shows how the Hex color DE7CBB looks on a white background.

## Color Contrast Check

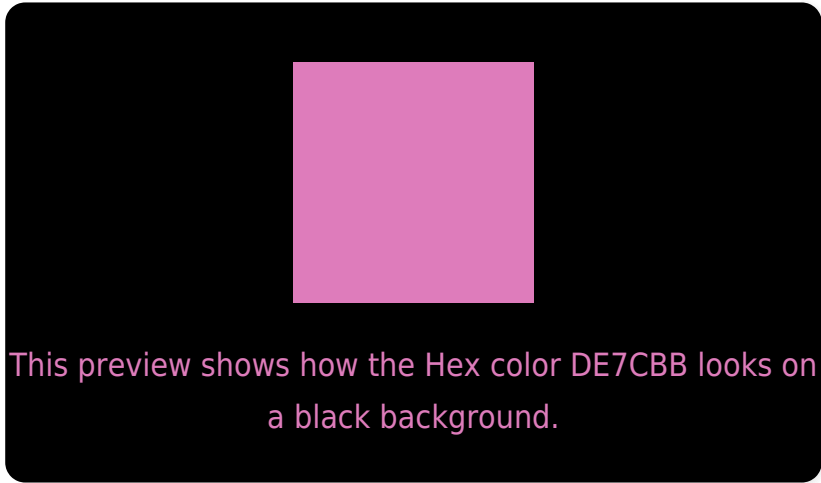
Large Text (above 18pt) WCAG AA × Fail

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 DE7CBB Background



This preview shows how black text looks on a background with the Hex color DE7CBB.

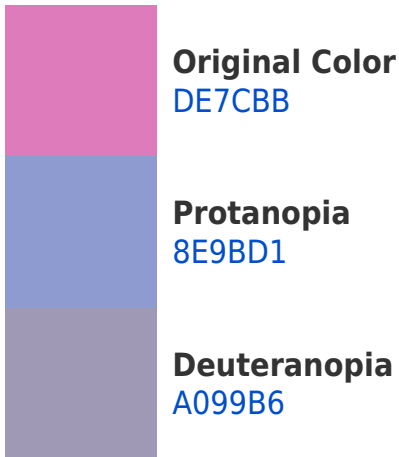



This preview shows how white text looks on a background with the Hex color DE7CBB.

# 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**  
D9858F

# Trichromacy



**Original Color**  
DE7CBB



**Protanomaly**  
AB90C9



**Deuteranomaly**  
B78EB8

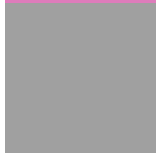


**Tritanomaly**  
DB829F

# Monochromacy



**Original Color**  
DE7CBB



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
B793AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE7CBB 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 #DE7CBB looks like.

```
.text, #text, p{  
    color:#DE7CBB  
}
```

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 #DE7CBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7CBB
}
```

## Border

The CSS property to change the border of an element to Hex DE7CBB 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
#DE7CBB }
```

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

```
.border{ border-color:#DE7CBB }
```

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

Here you see how a box with a 4 pixel #DE7CBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7CBB; -webkit-box-shadow:4px 4px  
4px 4px #DE7CBB; box-shadow:4px 4px 4px  
4px #DE7CBB }
```

# Background

The CSS property to change the background color of an element to Hex DE7CBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7CBB }
```

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

```
.background{ background-color:#DE7CBB }
```

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