

Converting Colors

Hex(DE7CCB)

Have a look what the booklet for
Hex(DE7CCB) contains.

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Color

Hex(**DE7CCB**)

Conversions

Conversions Part 1

Format	Color
Hex	DE7CCB
RGB	222, 124, 203
RGB Percent	87%, 49%, 80%
CMY	0.1294, 0.5137, 0.2039
CMYK	0.00, 0.44, 0.09, 0.13
HSL	312°, 60%, 68%
HSV	312°, 44%, 87%
XYZ	48.1113, 34.2567, 60.5764
YIQ	162.3080, 33.0490, 45.3450

Conversions

Conversions Part 2

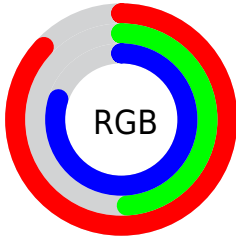
Format	Color
RYB	222, 124, 203
Decimal	14580939
CIELab	65.17, 48.63, -24.55
CIELCh	65, 54.473, 333.212
Yxy	34.2567, 0.3366, 0.2397
Android (android.graphics.Color)	4292771019 (0xFFDE7CCB)
YUV	162.3080, 20.0612, 52.3499
Hunter-Lab	58.5292, 44.3019, -20.3933

Details

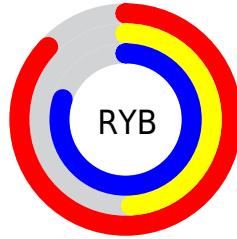
The Hex color **DE7CCB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CDE8F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB3FF**, and **A54795** is the 20% darker color. If you saturate the color by 10%, you get **DE66C7**, and if you desaturate by 10%, it is **DE92CF**.

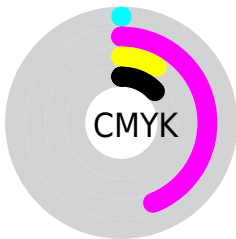
Distribution



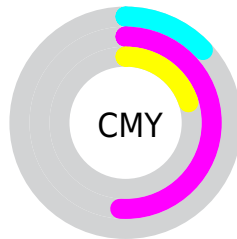
- Red (87%)
- Green (49%)
- Blue (80%)



- Red (87%)
- Yellow (49%)
- Blue (80%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE7CCB 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 DE7CCB by changing the saturation by 10% instead.

 DE7CCB

 DE7CCB

FFFFFF

 C161AF

 FFB3FF

 A54795

 FFCFFF

 892C7B

 FFECFF

 6E0C62

 54004A

 3B0033

 22001D

 000000

 DE7CCB

 DE7CCB

 DE66C7

 DE92CF

 DE50C2

 DEA8D4

 DE39BE

 DEBFD8

 DE23BA

 DED5DC

 DE0DB5

 DEEBE1

 DE00B3

 DEFFE5

 DEFFE9

 DEFFED

 DEFFF2

Harmonies

Analogous

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



A78FF0



DE7CCB



F7739B

Triad

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



DE7CCB



B49D37



00B5D2

Complementary

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



DE7CCB



7CDE8F

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.



00B6A2



DE7CCB



82AB48

Square

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



DE7CCB



DC8C46



3AB370



00AFF5

Rectangle

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



DE7CCB



F8767B



3AB370



00B6C3

Sweetspot

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



DE7CCB



FFDEF9



8E7CDE



806B7C



000000



808080

Same Dimension

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



DE7CCB



FF78E5



DE7C9B



70656E



B0008E



300027

Inverse Universe

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



DE7CCB



FF78E5



7CDEBF



70656E



B0008E



300027

Previews

White Background



This preview shows how the Hex color DE7CCB looks on a white background.

Color Contrast Check

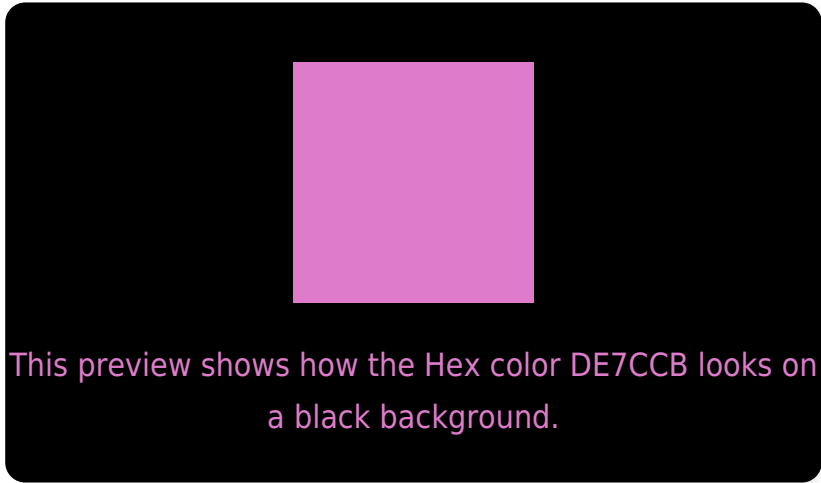
Large Text (above 18pt) WCAG AA × Fail

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 DE7CCB Background



This preview shows how black text looks on a background with the Hex color DE7CCB.

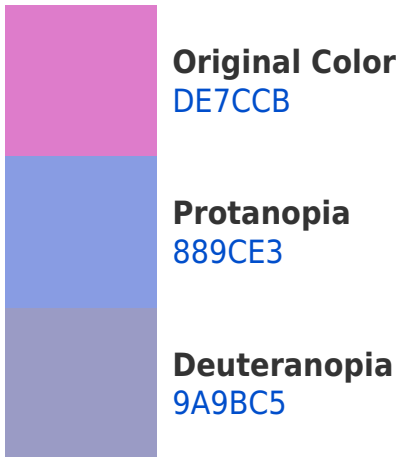


This preview shows how white text looks on a background with the Hex color DE7CCB.

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](#).

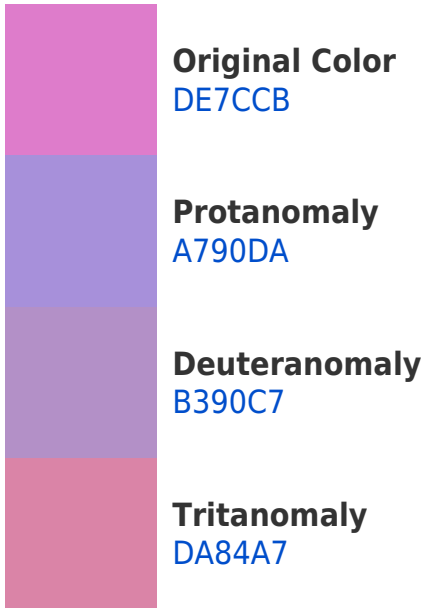
Dichromacy





Tritanopia
D78892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE7CCB 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 #DE7CCB looks like.

```
.text, #text, p{  
    color:#DE7CCB  
}
```

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 #DE7CCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7CCB
}
```

Border

The CSS property to change the border of an element to Hex DE7CCB 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
#DE7CCB }
```

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

```
.border{ border-color:#DE7CCB }
```

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

Here you see how a box with a 4 pixel #DE7CCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7CCB; -webkit-box-shadow:4px 4px  
4px 4px #DE7CCB; box-shadow:4px 4px 4px  
4px #DE7CCB }
```

Background

The CSS property to change the background color of an element to Hex DE7CCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7CCB }
```

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

```
.background{ background-color:#DE7CCB }
```

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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