

# Converting Colors

Hex(E07DBA)

Have a look what the booklet for  
Hex(E07DBA) contains.

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# **Color**

**Hex(E07DBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E07DBA
RGB	224, 125, 186
RGB Percent	88%, 49%, 73%
CMY	0.1216, 0.5098, 0.2706
CMYK	0.00, 0.44, 0.17, 0.12
HSL	323°, 61%, 68%
HSV	323°, 44%, 88%
XYZ	46.9370, 34.0597, 50.5547
YIQ	161.5550, 39.4230, 39.9590

# Conversions

## Conversions Part 2

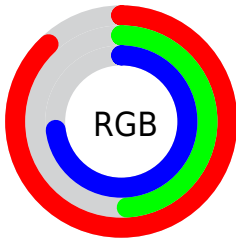
Format	Color
<a href="#">RYB</a>	<a href="#">224, 125, 186</a>
Decimal	<a href="#">14712250</a>
CIELab	<a href="#">65.01, 46.03, -15.20</a>
CIELCh	<a href="#">65, 48.474, 341.730</a>
Yxy	<a href="#">34.0597, 0.3568, 0.2589</a>
Android (android.graphics.Color)	<a href="#">4292902330 (0xFFE07DBA)</a>
YUV	<a href="#">161.5550, 12.0514, 54.7643</a>
Hunter-Lab	<a href="#">58.3607, 41.4287, -10.5072</a>

# Details

The Hex color **E07DBA** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DE0A3**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB4F2**, and **A74885** is the 20% darker color. If you saturate the color by 10%, you get **E067B1**, and if you desaturate by 10%, it is **E093C3**.

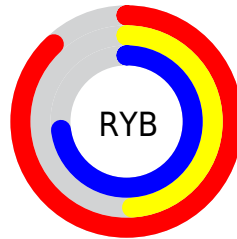
# Distribution



Red (88%)

Green (49%)

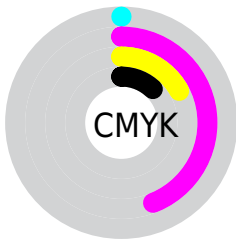
Blue (73%)



Red (88%)

Yellow (49%)

Blue (73%)

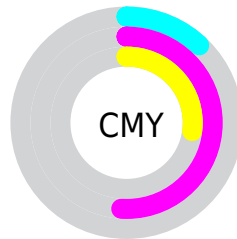


Cyan (0%)

Magenta (44%)

Yellow (17%)

Black (12%)



Cyan (12%)

Magenta (51%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E07DBA 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 E07DBA by changing the saturation by 10% instead.



 E07DBA

 E07DBA

FFFFFF

 C3629F

 FFB4F2

 A74885

 FFD0FF

 8B2E6B

 FFEDFF

 701053

 55003C

 3C0026

 230010

 000000

 E07DBA

 E07DBA

 E067B1

 E093C3

 E050A9

 E0AACB

 E03AA0

 E0C0D4

 E02398

 E0D7DC

 E00D8F

 E0EDE5

 E0008A

 E0FFEE

 E0FFF6

 E0FFFF

# Harmonies

## Analogous

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



B78CDF



E07DBA



EF798E

# Triad

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



E07DBA



A7A145



00B1D6

# Complementary

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



E07DBA



7DE0A3

# 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.



00B4AE



E07DBA



77AC5B

# Square

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



E07DBA



CD924A



32B281



00AAFO

# Rectangle

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



E07DBA



EC7E73



32B281



00B3CA



# Sweetspot

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



E07DBA



FFDEF2



A37DE0



806B78



000000



808080



# Same Dimension

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



E07DBA



FF78CB



E07D89



70656C



B0006C



30001E



# Inverse Universe

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



E07DBA



FF78CB



7DE0D4



70656C



B0006C



30001E



# Previews

## White Background



This preview shows how the Hex color E07DBA looks on a white background.

## Color Contrast Check

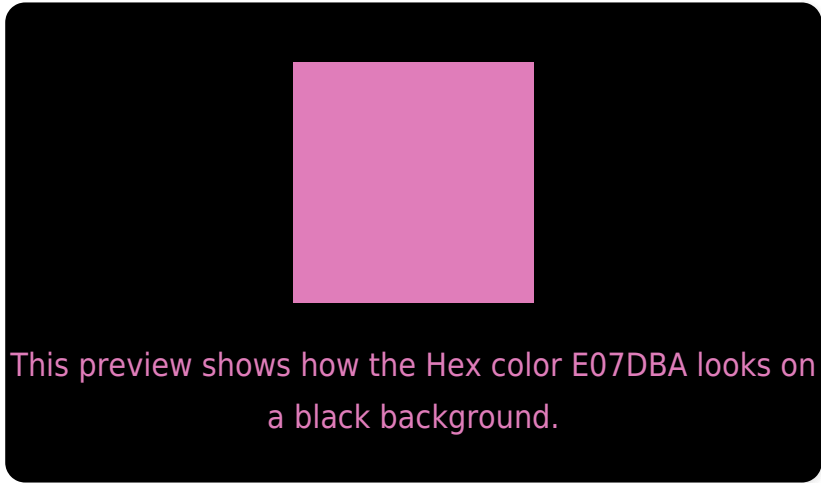
Large Text (above 18pt) WCAG AA × Fail

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 E07DBA Background



This preview shows how black text looks on a background with the Hex color E07DBA.

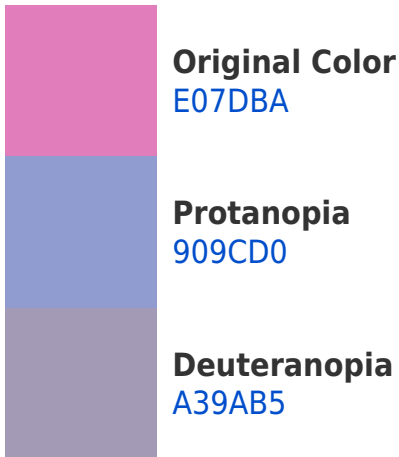


This preview shows how white text looks on a background with the Hex color E07DBA.

# 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](#).

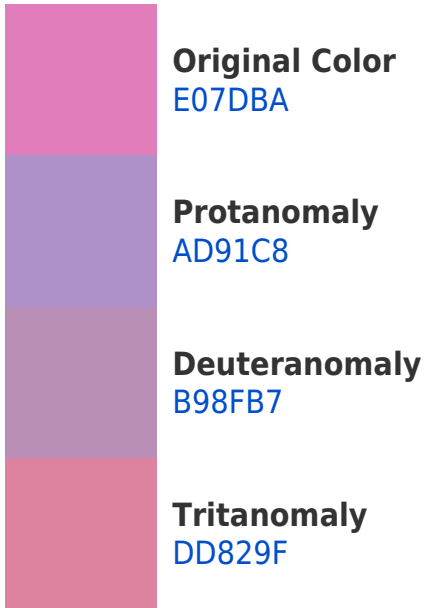
## Dichromacy



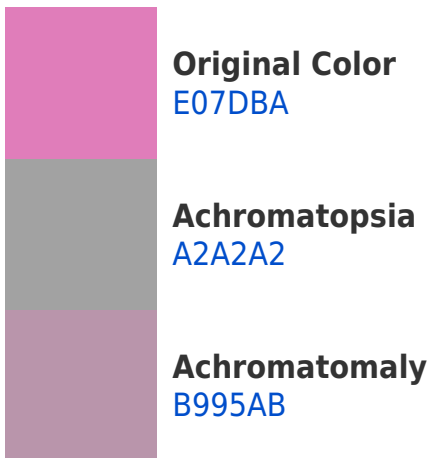


**Tritanopia**  
DB858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E07DBA 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 #E07DBA looks like.

```
.text, #text, p{  
    color:#E07DBA  
}
```

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 #E07DBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E07DBA
}
```

## Border

The CSS property to change the border of an element to Hex E07DBA 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
#E07DBA }
```

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

```
.border{ border-color:#E07DBA }
```

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

Here you see how a box with a 4 pixel #E07DBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E07DBA; -webkit-box-shadow:4px 4px  
4px 4px #E07DBA; box-shadow:4px 4px 4px  
4px #E07DBA }
```

# Background

The CSS property to change the background color of an element to Hex E07DBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E07DBA }
```

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

```
.background{ background-color:#E07DBA }
```

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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