

# Converting Colors

Hex(DEA7C2)

Have a look what the booklet for  
Hex(DEA7C2) contains.

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# **Color**

**Hex(DEA7C2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEA7C2
RGB	222, 167, 194
RGB Percent	87%, 65%, 76%
CMY	0.1294, 0.3451, 0.2392
CMYK	0.00, 0.25, 0.13, 0.13
HSL	331°, 45%, 76%
HSV	331°, 25%, 87%
XYZ	53.6805, 47.0621, 57.2936
YIQ	186.5230, 24.1130, 20.0570

# Conversions

## Conversions Part 2

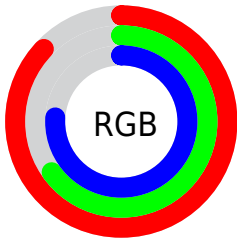
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 167, 194
Decimal	14591938
CIE Lab	74.23, 24.38, -5.90
CIE LCh	74, 25.081, 346.401
Yxy	47.0621, 0.3397, 0.2978
Android (android.graphics.Color)	4292782018 (0xFFDEA7C2)
YUV	186.5230, 3.6862, 31.1133
Hunter-Lab	68.6018, 19.6221, -1.4954

# Details

The Hex color **DEA7C2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7DEC3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDEFA**, and **A6738C** is the 20% darker color. If you saturate the color by 10%, you get **DE91B7**, and if you desaturate by 10%, it is **DEBDCE**.

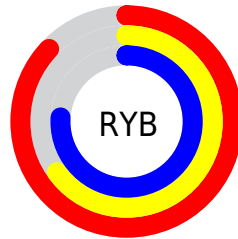
# Distribution



Red (87%)

Green (65%)

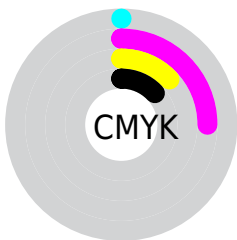
Blue (76%)



Red (87%)

Yellow (65%)

Blue (76%)

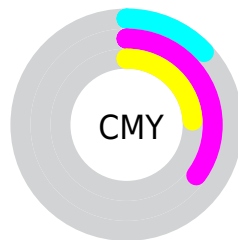


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEA7C2 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 DEA7C2 by changing the saturation by 10% instead.



 #DEA7C2

 #DEA7C2

#FFFFFF

 #C28CA7

 #FFDEFA

 #A6738C

 #FFFBFF

 #8B5A73

 #71425A

 #582B43

 #40142D

 #290018

 #000000

 #DEA7C2

 #DEA7C2

 DE91B7

 DEBDCD

 DE7BAB

 DED3D9

 DE64A0

 DEEAE4

 DE4E95

 DEFFEF

 DE3889

 DEFFFB

 DE227E

 DEFFFF

 DE0C73

 DE006D

# Harmonies

## Analogous

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



CAACD6



DEA7C2



E6A6AB

# Triad

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



DEA7C2



BBB98A



77C1D7

# Complementary

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



DEA7C2



A7DEC3

# 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.



76C4C3



DEA7C2



A0BF96

# Square

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



DEA7C2



D1B18A



87C3AB



8DBCE3

# Rectangle

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



DEA7C2



E4A89C



87C3AB



74C2D1



# Sweetspot

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



DEA7C2



FFEDF6



C3A7DE



80757A



000000



808080



# Same Dimension

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



DEA7C2



FFB3D8



DEA7A7



70656A



B00056



300018



# Inverse Universe

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



DEA7C2



FFB3D8



A7DEDE



70656A



B00056



300018



# Previews

## White Background



This preview shows how the Hex color #DEA7C2 looks on a white background.

## Color Contrast Check

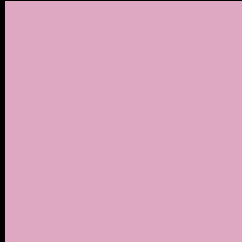
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color #DEA7C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

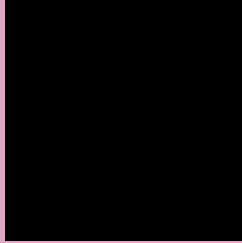
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEA7C2 Background



This preview shows how black text looks on a background with the Hex color DEA7C2.

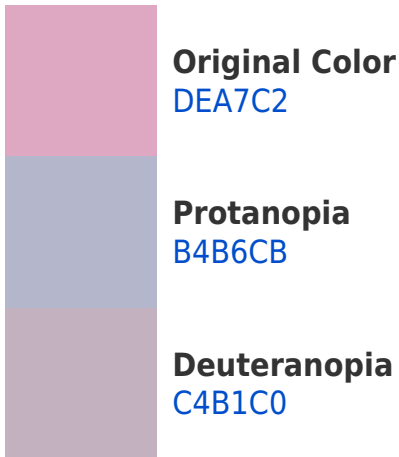


This preview shows how white text looks on a background with the Hex color DEA7C2.

# 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**  
DDA9B6

# Trichromacy



**Original Color**  
DEA7C2

**Protanomaly**  
C3B1C8

**Deuteranomaly**  
CDADC1

**Tritanomaly**  
DDA8BA

# Monochromacy



**Original Color**  
DEA7C2

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
C8B4BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEA7C2 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 #DEA7C2 looks like.

```
.text, #text, p{  
    color:#DEA7C2  
}
```

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 #DEA7C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA7C2
}
```

## Border

The CSS property to change the border of an element to Hex DEA7C2 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
#DEA7C2 }
```

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

```
.border{ border-color:#DEA7C2 }
```

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

Here you see how a box with a 4 pixel #DEA7C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA7C2; -webkit-box-shadow:4px 4px  
4px 4px #DEA7C2; box-shadow:4px 4px 4px  
4px #DEA7C2 }
```

# Background

The CSS property to change the background color of an element to Hex DEA7C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA7C2 }
```

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

```
.background{ background-color:#DEA7C2 }
```

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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