

# Converting Colors

Hex(DEA8C2)

Have a look what the booklet for  
Hex(DEA8C2) contains.

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# Color

Hex(**DEA8C2**)

# Conversions

## Conversions Part 1

Format	Color
Hex	DEA8C2
RGB	222, 168, 194
RGB Percent	87%, 66%, 76%
CMY	0.1294, 0.3412, 0.2392
CMYK	0.00, 0.24, 0.13, 0.13
HSL	331°, 45%, 76%
HSV	331°, 24%, 87%
XYZ	53.8644, 47.4299, 57.3549
YIQ	187.1100, 23.8380, 19.5340

# Conversions

## Conversions Part 2

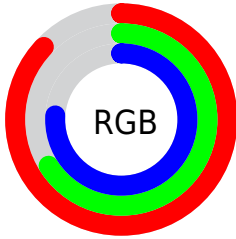
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 168, 194
Decimal	14592194
CIE Lab	74.46, 23.84, -5.55
CIE LCh	74, 24.476, 346.893
Yxy	47.4299, 0.3395, 0.2990
Android (android.graphics.Color)	4292782274 (0xFFDEA8C2)
YUV	187.1100, 3.3968, 30.5985
Hunter-Lab	68.8694, 19.0879, -1.1685

# Details

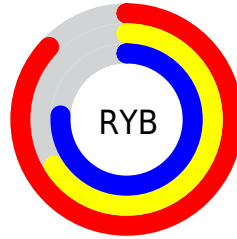
The Hex color **DEA8C2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A8DEC4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFDFFA**, and **A6748C** is the 20% darker color. If you saturate the color by 10%, you get **DE92B6**, and if you desaturate by 10%, it is **DEBECE**.

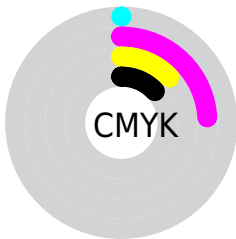
# Distribution



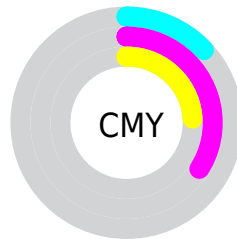
- Red (87%)
- Green (66%)
- Blue (76%)



- Red (87%)
- Yellow (66%)
- Blue (76%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (34%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DEA8C2 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 DEA8C2 by changing the saturation by 10% instead.



 DEA8C2

 DEA8C2

FFFFFF

 C28DA7

 FFDFFA

 A6748C

 FFFCFF

 8B5B73

 71435A

 582B43

 40152D

 290018

 000000

 DEA8C2

 DEA8C2

 DE92B6

 DEBECE

 DE7CAB

 DED4D9

 DE659F

 DEEBE5

 DE4F94

 DEFFF0

 DE3988

 DEFFFC

 DE237D

 DEFFFF

 DE0D71

 DE006B

# Harmonies

## Analogous

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



CAADD6



DEA8C2



E5A7AB

# Triad

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



DEA8C2



BBBA8C



7AC2D7

# Complementary

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



DEA8C2



A8DEC4

# 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.



79C4C3



DEA8C2



A1C098

# Square

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



DEA8C2



D1B28C



89C3AC



8FBCE2

# Rectangle

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



DEA8C2



E3AA9D



89C3AC



77C3D1



# Sweetspot

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



DEA8C2



FFEDF6



C4A8DE



80757A



000000



808080



# Same Dimension

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



DEA8C2



FFB5D9



DEA9A8



70656A



B00055



300017



# Inverse Universe

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



DEA8C2



FFB5D9



A8DDDE



70656A



B00055



300017



# Previews

## White Background



This preview shows how the Hex color #DEA8C2 looks on a white background.

## Color Contrast Check

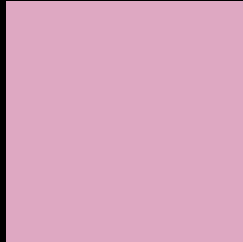
Large Text (above 18pt) WCAG AA × Fail

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 DEA8C2 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 DEA8C2 Background



This preview shows how black text looks on a background with the Hex color DEA8C2.

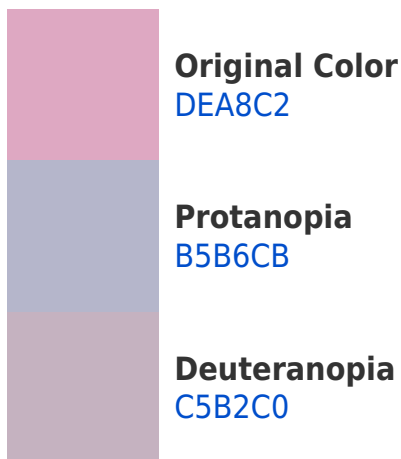


This preview shows how white text looks on a background with the Hex color DEA8C2.

# 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**  
DDAAB7

# Trichromacy



**Original Color**  
DEA8C2

**Protanomaly**  
C4B1C8

**Deuteranomaly**  
CEAEC1

**Tritanomaly**  
DDA9BB

# Monochromacy



**Original Color**  
DEA8C2

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
C8B4BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEA8C2 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 #DEA8C2 looks like.

```
.text, #text, p{  
    color:#DEA8C2  
}
```

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 #DEA8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA8C2
}
```

## Border

The CSS property to change the border of an element to Hex DEA8C2 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
#DEA8C2 }
```

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

```
.border{ border-color:#DEA8C2 }
```

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

Here you see how a box with a 4 pixel #DEA8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA8C2; -webkit-box-shadow:4px 4px  
4px 4px #DEA8C2; box-shadow:4px 4px 4px  
4px #DEA8C2 }
```

# Background

The CSS property to change the background color of an element to Hex DEA8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA8C2 }
```

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

```
.background{ background-color:#DEA8C2 }
```

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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