

# Converting Colors

Hex(D4A8E1)

Have a look what the booklet for  
Hex(D4A8E1) contains.

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# Color

**Hex(D4A8E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4A8E1
RGB	212, 168, 225
RGB Percent	83%, 66%, 88%
CMY	0.1686, 0.3412, 0.1176
CMYK	0.06, 0.25, 0.00, 0.12
HSL	286°, 49%, 77%
HSV	286°, 25%, 88%
XYZ	54.7446, 47.4386, 77.5054
YIQ	187.6540, 7.9270, 27.0550

# Conversions

## Conversions Part 2

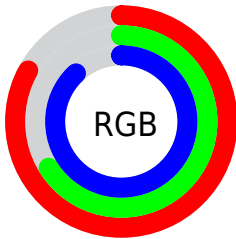
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 168, 225
Decimal	13936865
CIE Lab	74.47, 26.06, -22.59
CIE LCh	74, 34.487, 319.072
Yxy	47.4386, 0.3047, 0.2640
Android (android.graphics.Color)	4292126945 (0xFFD4A8E1)
YUV	187.6540, 18.4116, 21.3514
Hunter-Lab	68.8757, 21.3452, -18.5057

# Details

The Hex color **D4A8E1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B5E1A8**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFDFFF**, and **9D74AA** is the 20% darker color. If you saturate the color by 10%, you get **CF92E1**, and if you desaturate by 10%, it is **D9BFE1**.

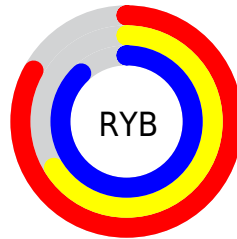
# Distribution



Red (83%)

Green (66%)

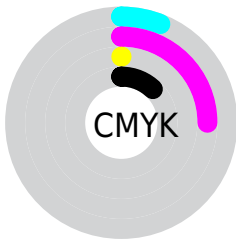
Blue (88%)



Red (83%)

Yellow (66%)

Blue (88%)

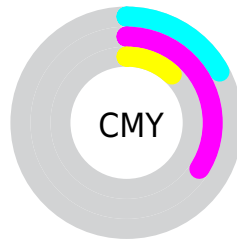


Cyan (6%)

Magenta (25%)

Yellow (0%)

Black (12%)



Cyan (17%)

Magenta (34%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4A8E1 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 D4A8E1 by changing the saturation by 10% instead.



 D4A8E1

 D4A8E1

FFFFFF

 B88DC5

 FFDFFF

 9D74AA

 FFFCFF

 825B8F

 694375

 502C5C

 381545

 22002E

 000019

 000000

 D4A8E1

 D4A8E1

 CF92E1

 D9BFE1

 CA7BE1

 DED5E1

 C565E1

 E3EBE1

 BF4EE1

 E9FFE1

 BA38E1

 EEFEE1

 B521E1

 F3FFE1

 B00BE1

 F8FFE1

 AE00E1

 FDFFE1

 FFFFE1

# Harmonies

## Analogous

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



ABB3F3



D4A8E1



EEA0C4

# Triad

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



D4A8E1



D7B179



4FC8CB

# Complementary

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



D4A8E1



B5E1A8

# 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.



6EC8AA



D4A8E1



B8BC7B

# Square

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



D4A8E1



EEA789



94C38D



51C5E6

# Rectangle

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



D4A8E1



F69FAF



94C38D



57C9C0



# Sweetspot

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



D4A8E1



FAEBFF



A8B5E1



7D7380



000000



808080



# Same Dimension

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



D4A8E1



EEB3FF



E1A8D2



6E6570



8800B0



250030



# Inverse Universe

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



E1A8B5



FFB3C4



A8E1B7



706568



B00028



30000B



# Previews

## White Background



This preview shows how the Hex color D4A8E1 looks on a white background.

## Color Contrast Check

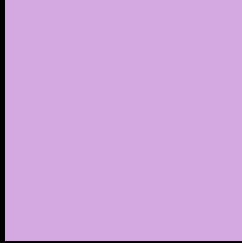
Large Text (above 18pt) WCAG AA × Fail

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 D4A8E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

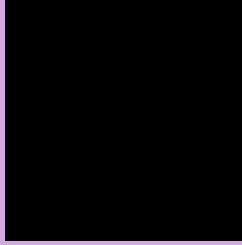
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4A8E1 Background



This preview shows how black text looks on a background with the Hex color D4A8E1.

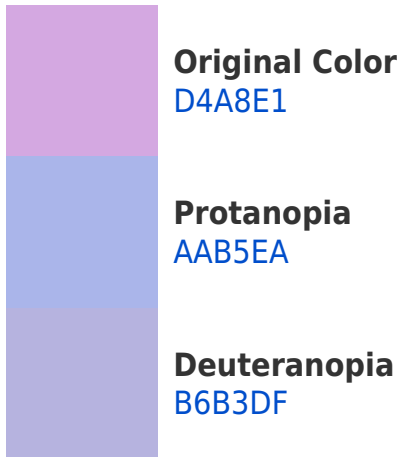


This preview shows how white text looks on a background with the Hex color D4A8E1.

# 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





# Trichromacy



**Original Color**  
D4A8E1



**Protanomaly**  
B9B0E7



**Deuteranomaly**  
C1AFE0

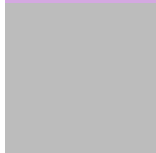


**Tritanomaly**  
D1ACC9

# Monochromacy



**Original Color**  
D4A8E1



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
C5B5C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4A8E1 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 #D4A8E1 looks like.

```
.text, #text, p{  
    color:#D4A8E1  
}
```

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 #D4A8E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4A8E1
}
```

## Border

The CSS property to change the border of an element to Hex D4A8E1 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
#D4A8E1 }
```

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

```
.border{ border-color:#D4A8E1 }
```

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

Here you see how a box with a 4 pixel #D4A8E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4A8E1; -webkit-box-shadow:4px 4px  
4px 4px #D4A8E1; box-shadow:4px 4px 4px  
4px #D4A8E1 }
```

# Background

The CSS property to change the background color of an element to Hex D4A8E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4A8E1 }
```

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

```
.background{ background-color:#D4A8E1 }
```

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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