

# Converting Colors

Hex(D2A2E3)

Have a look what the booklet for  
Hex(D2A2E3) contains.

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# Color

**Hex(D2A2E3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2A2E3
RGB	210, 162, 227
RGB Percent	82%, 64%, 89%
CMY	0.1765, 0.3647, 0.1098
CMYK	0.07, 0.29, 0.00, 0.11
HSL	284°, 54%, 76%
HSV	284°, 29%, 89%
XYZ	53.3638, 45.0884, 78.5634
YIQ	183.7620, 7.7430, 30.3910

# Conversions

## Conversions Part 2

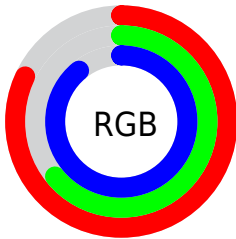
Format	Color
R <sub>Y</sub> B	210, 162, 227
Decimal	13804259
CIE Lab	72.95, 29.08, -26.02
CIE LCh	73, 39.021, 318.175
Yxy	45.0884, 0.3015, 0.2547
Android (android.graphics.Color)	4291994339 (0xFFD2A2E3)
YUV	183.7620, 21.3163, 23.0107
Hunter-Lab	67.1479, 24.3489, -22.3661

# Details

The Hex color **D2A2E3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B3E3A2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD9FF**, and **9B6EAB** is the 20% darker color. If you saturate the color by 10%, you get **CC8BE3**, and if you desaturate by 10%, it is **D8B9E3**.

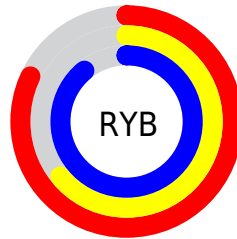
# Distribution



Red (82%)

Green (64%)

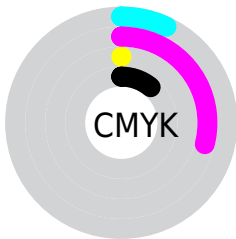
Blue (89%)



Red (82%)

Yellow (64%)

Blue (89%)

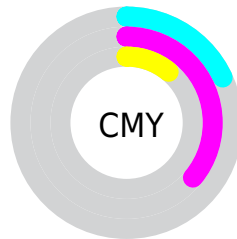


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (18%)

Magenta (36%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2A2E3 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 D2A2E3 by changing the saturation by 10% instead.



 D2A2E3

 D2A2E3

FFFFFF

 B687C7

 FFD9FF

 9B6EAB

 FFF6FF

 805591

 663D77

 4E265E

 350F46

 200030

 00011A

 000000

 D2A2E3

 D2A2E3

 CC8BE3

 D8B9E3

 C675E3

 DECFE3

 C05EE3

 E4E6E3

 BA47E3

 EAFDE3

 B431E3

 F0FFE3

 AE1AE3

 F6FFE3

 A803E3

 FCFFE3

 A800E3

 FFFFE3

# Harmonies

## Analogous

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



A2AFF7



D2A2E3



F099C3

# Triad

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



D2A2E3



D7AC6D



2AC6C8

# Complementary

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



D2A2E3



B3E3A2

# 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.



5EC5A3



D2A2E3



B5B86E

# Square

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



D2A2E3



F0A07F



8CC082



26C3E7

# Rectangle

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



D2A2E3



F897AA



8CC082



3CC6BC



# Sweetspot

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



D2A2E3



F9E8FF



A2B3E3



7C7180



000000



808080



# Same Dimension

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



D2A2E3



E8A8FF



E3A2D4



706773



8400B3



260033



# Inverse Universe

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



E3A2B3



FFA8BF



A2E3B1



73676A



B3002F

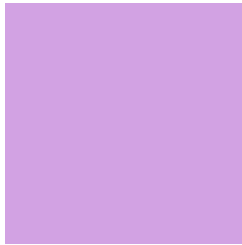


33000D



# Previews

## White Background



This preview shows how the Hex color D2A2E3 looks on a white background.

## Color Contrast Check

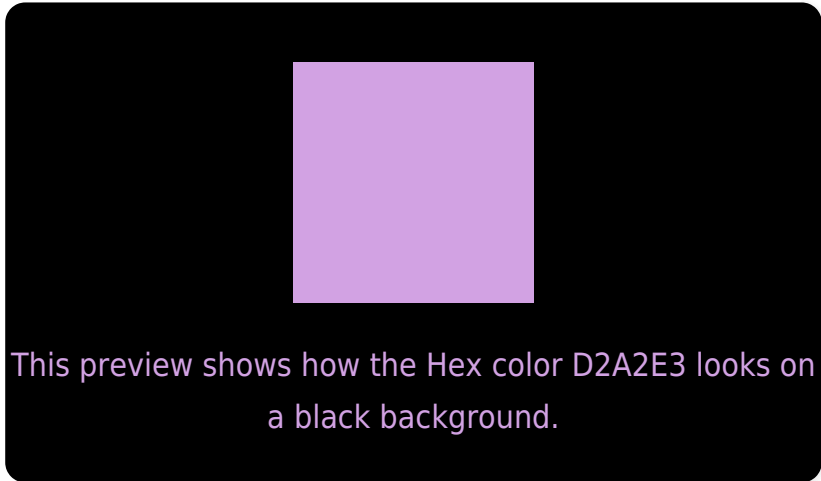
Large Text (above 18pt) WCAG AA × Fail

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

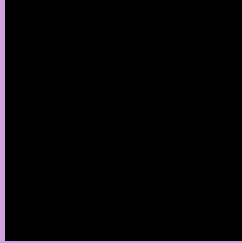
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2A2E3 Background



This preview shows how black text looks on a background with the Hex color D2A2E3.



This preview shows how white text looks on a background with the Hex color D2A2E3.

# 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**  
D2A2E3



**Protanomaly**  
B3ACEA



**Deuteranomaly**  
BBABE1



**Tritanomaly**  
CEA7C8

# Monochromacy



**Original Color**  
D2A2E3



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
C1B0C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2A2E3 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 #D2A2E3 looks like.

```
.text, #text, p{  
    color:#D2A2E3  
}
```

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 #D2A2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A2E3
}
```

## Border

The CSS property to change the border of an element to Hex D2A2E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

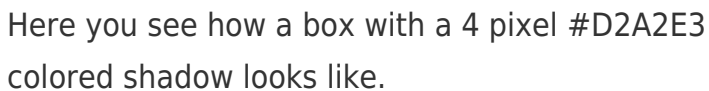
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D2A2E3 }
```

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

```
.border{ border-color:#D2A2E3 }
```

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



Here you see how a box with a 4 pixel `#D2A2E3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A2E3; -webkit-box-shadow:4px 4px  
4px 4px #D2A2E3; box-shadow:4px 4px 4px  
4px #D2A2E3 }
```

# Background

The CSS property to change the background color of an element to Hex D2A2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A2E3 }
```

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

```
.background{ background-color:#D2A2E3 }
```

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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