

# Converting Colors

Hex(D3A1E3)

Have a look what the booklet for  
Hex(D3A1E3) contains.

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# **Color**

**Hex(D3A1E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3A1E3
RGB	211, 161, 227
RGB Percent	83%, 63%, 89%
CMY	0.1725, 0.3686, 0.1098
CMYK	0.07, 0.29, 0.00, 0.11
HSL	285°, 54%, 76%
HSV	285°, 29%, 89%
XYZ	53.4740, 44.8847, 78.5183
YIQ	183.4740, 8.6140, 31.1260

# Conversions

## Conversions Part 2

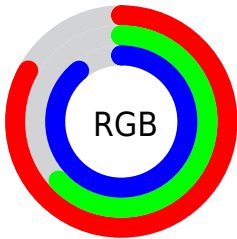
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 161, 227
Decimal	13869539
CIE <sub>Lab</sub>	72.82, 29.94, -26.22
CIE <sub>LCh</sub>	73, 39.797, 318.791
Yxy	44.8847, 0.3023, 0.2538
Android (android.graphics.Color)	4292059619 (0xFFD3A1E3)
YUV	183.4740, 21.4583, 24.1403
Hunter-Lab	66.9960, 25.2296, -22.5897

# Details

The Hex color **D3A1E3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B1E3A1**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD8FF**, and **9C6DAB** is the 20% darker color. If you saturate the color by 10%, you get **CD8AE3**, and if you desaturate by 10%, it is **D9B8E3**.

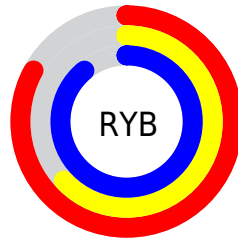
# Distribution



Red (83%)

Green (63%)

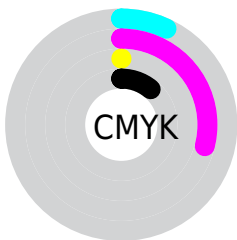
Blue (89%)



Red (83%)

Yellow (63%)

Blue (89%)

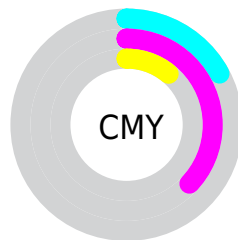


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (37%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3A1E3 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 D3A1E3 by changing the saturation by 10% instead.



 D3A1E3

 D3A1E3


FFFFFF

 B786C7

 FFD8FF

 9C6DAB

 FFF5FF

 815491

 673C77

 4E255E

 360E46

 21002F

 00011A

 000000

 D3A1E3

 D3A1E3

 CD8AE3

 D9B8E3

 C874E3

 DECEE3

 C25DE3

 E4E5E3

 BD46E3

 E9FCE3

 B730E3

 EFFF E3

 B219E3

 F4FFE3

 AC02E3

 FAFFE3

 AC00E3

 FFFF E3

# Harmonies

## Analogous

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



A3AEF7



D3A1E3



F198C2

# Triad

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



D3A1E3



D7AC6B



1EC6C9

# Complementary

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



D3A1E3



B1E3A1

# 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.



5AC5A3



D3A1E3



B4B86C

# Square

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



D3A1E3



F09F7D



8AC081



1BC2E8

# Rectangle

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



D3A1E3



F996A9



8AC081



34C6BD



# Sweetspot

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



D3A1E3



F9E8FF



A1B2E3



7C7180



000000



808080



# Same Dimension

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



D3A1E3



E9A6FF



E3A1D3



706773



8700B3



270033



# Inverse Universe

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



E3A1B1



FFA6BB



A1E3B2



73676A



B3002B

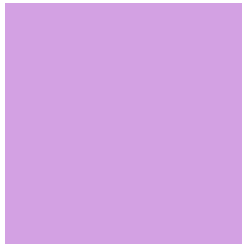


33000C



# Previews

## White Background



This preview shows how the Hex color D3A1E3 looks on a white background.

## Color Contrast Check

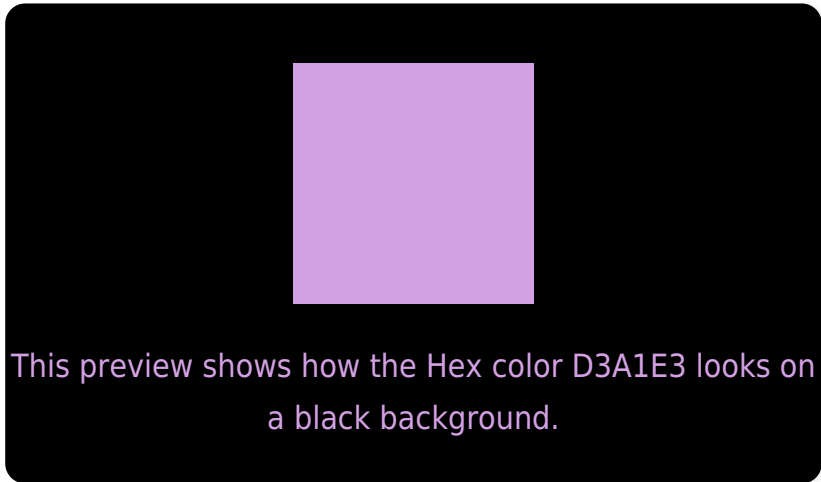
Large Text (above 18pt) WCAG AA × Fail

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

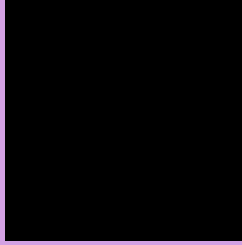
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3A1E3 Background



This preview shows how black text looks on a background with the Hex color D3A1E3.

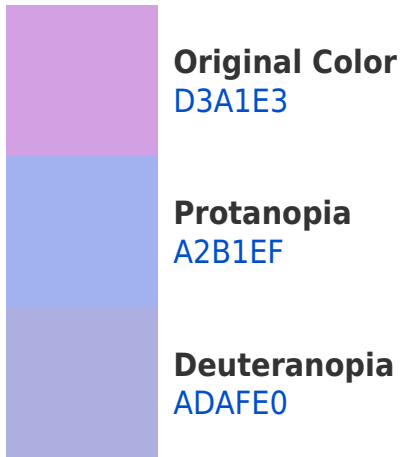


This preview shows how white text looks on a background with the Hex color D3A1E3.

# 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**  
CCA9B7

# Trichromacy



**Original Color**  
D3A1E3



**Protanomaly**  
B4ABEB



**Deuteranomaly**  
BBAAE1



**Tritanomaly**  
CFA6C7

# Monochromacy



**Original Color**  
D3A1E3



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
C1AFC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3A1E3 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 #D3A1E3 looks like.

```
.text, #text, p{  
    color:#D3A1E3  
}
```

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 #D3A1E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3A1E3
}
```

## Border

The CSS property to change the border of an element to Hex D3A1E3 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
#D3A1E3 }
```

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

```
.border{ border-color:#D3A1E3 }
```

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

Here you see how a box with a 4 pixel #D3A1E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3A1E3; -webkit-box-shadow:4px 4px  
4px 4px #D3A1E3; box-shadow:4px 4px 4px  
4px #D3A1E3 }
```

# Background

The CSS property to change the background color of an element to Hex D3A1E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3A1E3 }
```

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

```
.background{ background-color:#D3A1E3 }
```

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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