

# Converting Colors

Hex(CDA8E3)

Have a look what the booklet for  
Hex(CDA8E3) contains.

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# Color

**Hex(CDA8E3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDA8E3
RGB	205, 168, 227
RGB Percent	80%, 66%, 89%
CMY	0.1961, 0.3412, 0.1098
CMYK	0.10, 0.26, 0.00, 0.11
HSL	278°, 51%, 77%
HSV	278°, 26%, 89%
XYZ	53.0446, 46.5305, 78.8586
YIQ	185.7890, 3.1130, 26.1930

# Conversions

## Conversions Part 2

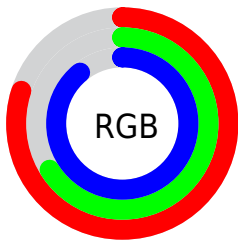
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 168, 227
Decimal	13478115
CIE Lab	73.89, 24.21, -24.63
CIE LCh	74, 34.534, 314.508
Yxy	46.5305, 0.2973, 0.2608
Android (android.graphics.Color)	4291668195 (0xFFCDA8E3)
YUV	185.7890, 20.3170, 16.8480
Hunter-Lab	68.2132, 19.4336, -20.7935

# Details

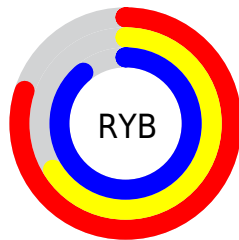
The Hex color **CDA8E3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BEE3A8**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDFFF**, and **9674AB** is the 20% darker color. If you saturate the color by 10%, you get **C591E3**, and if you desaturate by 10%, it is **D5BFE3**.

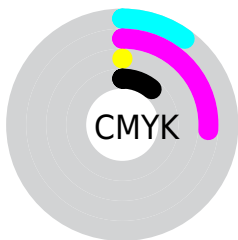
# Distribution



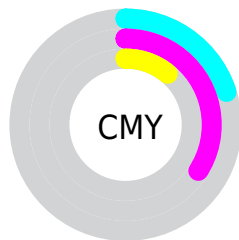
- Red (80%)
- Green (66%)
- Blue (89%)



- Red (80%)
- Yellow (66%)
- Blue (89%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (34%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDA8E3 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 CDA8E3 by changing the saturation by 10% instead.



 CDA8E3

 CDA8E3

FFFFFF

 B18DC7

 FFDFFF

 9674AB

 FFFCFF

 7C5B91

 624377

 4A2C5E

 321646

 1D0030

 00011A

 000000

 CDA8E3

 CDA8E3

 C591E3

 D5BFE3

 BC7BE3

 DED5E3

 B464E3

 E6ECE3

 AB4DE3

 EFFF E3

 A336E3

 F7FFE3

 9A20E3

 FFFF E3

 9209E3

 8E00E3

# Harmonies

## Analogous

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



A2B3F3



CDA8E3



EAA0C7

# Triad

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



CDA8E3



DAAE79



50C7C4

# Complementary

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



CDA8E3



BEE3A8

# 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.



72C6A4



CDA8E3



BCB978

# Square

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



CDA8E3



EEA48B



98C187



4BC4E1

# Rectangle

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



CDA8E3



F39EB2



98C187



5AC7B9



# Sweetspot

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



CDA8E3



F7EBFF



A8BFE3



7B7380



000000



808080



# Same Dimension

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



CDA8E3



E2B0FF



E3A8DC



6E6773



7000B3



200033



# Inverse Universe

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



E3A8BE



FFB0CD



A8E3AF



73676C



B30043

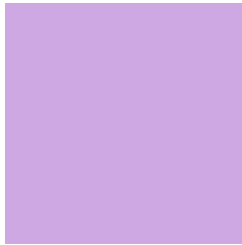


330013



# Previews

## White Background



This preview shows how the Hex color CDA8E3 looks on a white background.

## Color Contrast Check

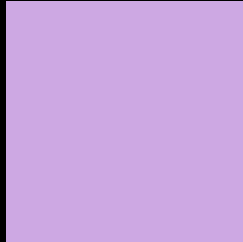
Large Text (above 18pt) WCAG AA × Fail

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 CDA8E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

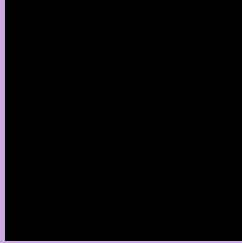
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CDA8E3 Background



This preview shows how black text looks on a background with the Hex color CDA8E3.

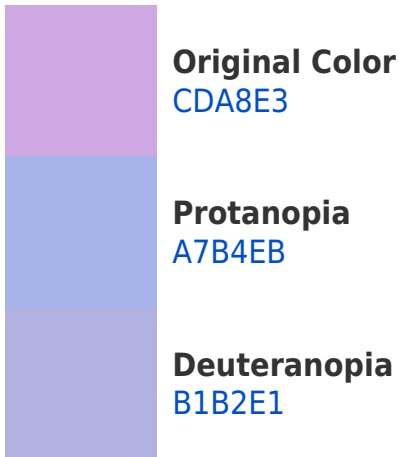


This preview shows how white text looks on a background with the Hex color CDA8E3.

# 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](#).

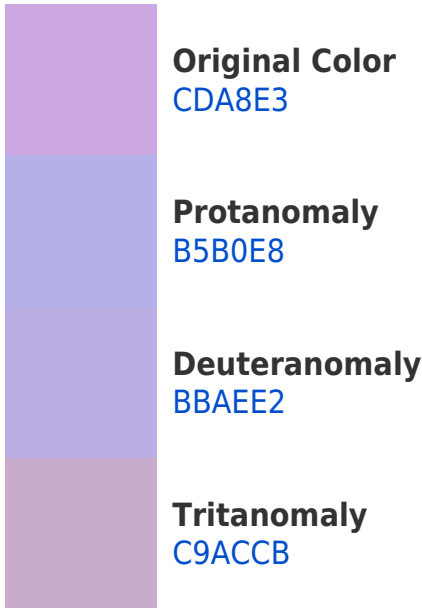
## Dichromacy



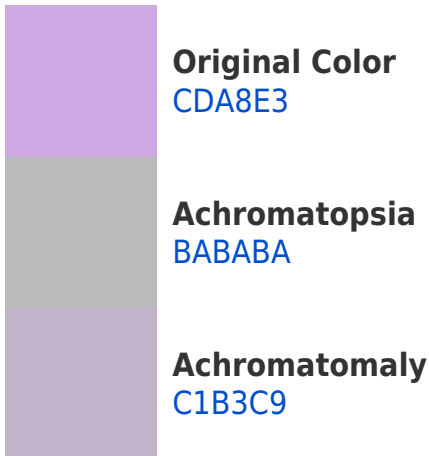


**Tritanopia**  
C7AFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDA8E3 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 #CDA8E3 looks like.

```
.text, #text, p{  
    color:#CDA8E3  
}
```

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 #CDA8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA8E3
}
```

## Border

The CSS property to change the border of an element to Hex CDA8E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

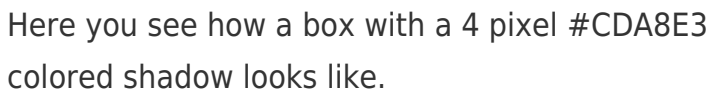
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CDA8E3 }
```

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

```
.border{ border-color:#CDA8E3 }
```

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



Here you see how a box with a 4 pixel `#CDA8E3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA8E3; -webkit-box-shadow:4px 4px  
4px 4px #CDA8E3; box-shadow:4px 4px 4px  
4px #CDA8E3 }
```

# Background

The CSS property to change the background color of an element to Hex CDA8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA8E3 }
```

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

```
.background{ background-color:#CDA8E3 }
```

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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