

Converting Colors

Hex(CDA6EE)

Have a look what the booklet for
Hex(CDA6EE) contains.

Hex(CDA6EE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CDA6EE)

Conversions

Conversions Part 1

Format	Color
Hex	CDA6EE
RGB	205, 166, 238
RGB Percent	80%, 65%, 93%
CMY	0.1961, 0.3490, 0.0667
CMYK	0.14, 0.30, 0.00, 0.07
HSL	272°, 68%, 79%
HSV	272°, 30%, 93%
XYZ	54.2457, 46.4246, 86.9907
YIQ	185.8690, 0.1320, 30.6600

Conversions

Conversions Part 2

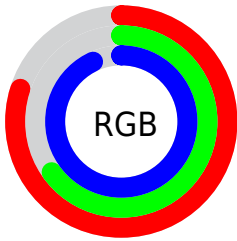
Format	Color
R_{YB}	205, 166, 238
Decimal	13477614
CIE _{Lab}	73.82, 27.59, -30.72
CIE _{LCh}	74, 41.288, 311.925
Yxy	46.4246, 0.2891, 0.2474
Android (android.graphics.Color)	4291667694 (0xFFCDA6EE)
YUV	185.8690, 25.7006, 16.7779
Hunter-Lab	68.1356, 22.8741, -28.0023

Details

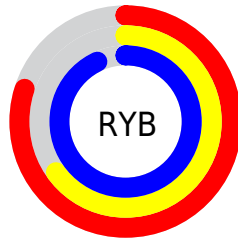
The Hex color **CDA6EE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C7EEA6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDDFF**, and **9672B6** is the 20% darker color. If you saturate the color by 10%, you get **C28EEE**, and if you desaturate by 10%, it is **D8BEEE**.

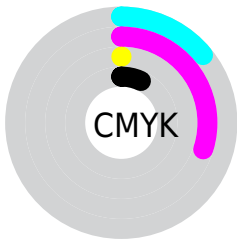
Distribution



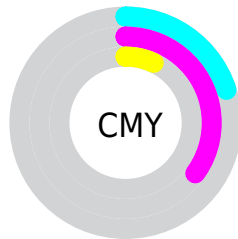
- Red (80%)
- Green (65%)
- Blue (93%)



- Red (80%)
- Yellow (65%)
- Blue (93%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDA6EE 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 CDA6EE by changing the saturation by 10% instead.

 CDA6EE

FFFFFF

 FFDDFF

 FFFAFF

 CDA6EE

 B18BD2

 9672B6

 7B599B

 624181

 492A67

 30144F

 1A0038

 000121

 000007

 CDA6EE

 CDA6EE

 C28EEE

 D8BEEE

 B776EE

 E3D6EE

 AC5FEE

 EEEDEE

 A147EE

 F9FFEE

 962FEE

 FFFFEE

 8C17EE

 8100EE

Harmonies

Analogous

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



97B4FF



CDA6EE



F19BCE

Triad

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



CDA6EE



E2AB6E



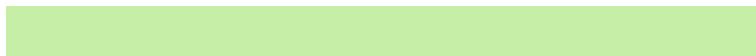
24CAC4

Complementary

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



CDA6EE



C7EEA6

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.



65C89D



CDA6EE



BFB86A

Square

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



CDA6EE



F99F85



95C27C



00C7E7

Rectangle

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



CDA6EE



FD98B4



95C27C



3DCAB7

Sweetspot

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



CDA6EE



F4E8FF



A6C8EE



797180



000000



808080

Same Dimension

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



CDA6EE



D5A3FF



EEA6EC



726C78



6300B8



1E0038

Inverse Universe

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



EEA6C7



FFA3CD



A6EEA8



786C71



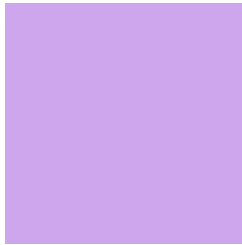
B80054



38001A

Previews

White Background



This preview shows how the Hex color CDA6EE looks on a white background.

Color Contrast Check

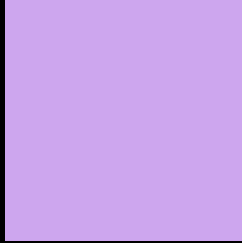
Large Text (above 18pt) WCAG AA × Fail

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 CDA6EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

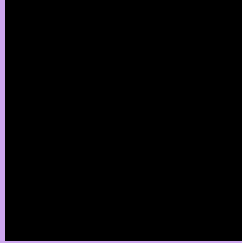
Any Text WCAG AA ✓ Pass

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 CDA6EE Background



This preview shows how black text looks on a background with the Hex color CDA6EE.

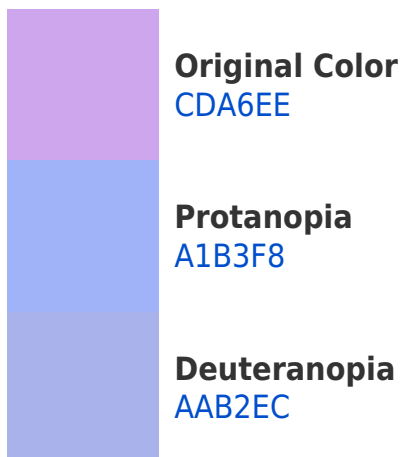


This preview shows how white text looks on a background with the Hex color CDA6EE.

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](#).

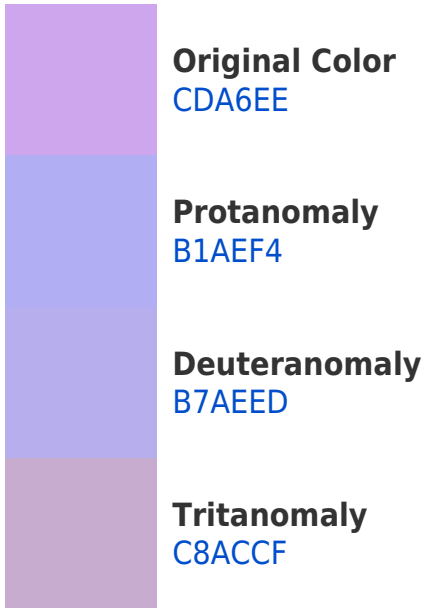
Dichromacy



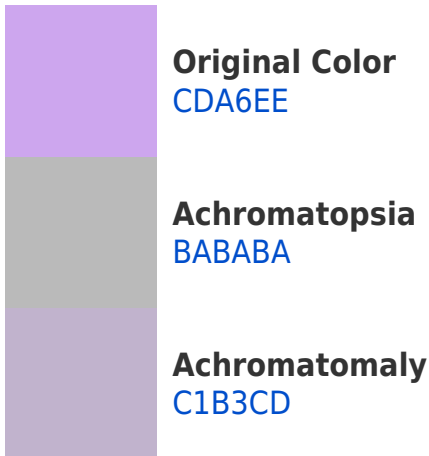


Tritanopia
C5AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDA6EE 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 #CDA6EE looks like.

```
.text, #text, p{  
    color:#CDA6EE  
}
```

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 #CDA6EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA6EE
}
```

Border

The CSS property to change the border of an element to Hex CDA6EE 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
#CDA6EE }
```

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

```
.border{ border-color:#CDA6EE }
```

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

Here you see how a box with a 4 pixel #CDA6EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA6EE; -webkit-box-shadow:4px 4px  
4px 4px #CDA6EE; box-shadow:4px 4px 4px  
4px #CDA6EE }
```

Background

The CSS property to change the background color of an element to Hex CDA6EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA6EE }
```

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

```
.background{ background-color:#CDA6EE }
```

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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