

# Converting Colors

Hex(CDA1EF)

Have a look what the booklet for  
Hex(CDA1EF) contains.

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# **Color**

**Hex(CDA1EF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDA1EF
RGB	205, 161, 239
RGB Percent	80%, 63%, 94%
CMY	0.1961, 0.3686, 0.0627
CMYK	0.14, 0.33, 0.00, 0.06
HSL	274°, 71%, 78%
HSV	274°, 33%, 94%
XYZ	53.5017, 44.7009, 87.4696
YIQ	183.0480, 1.1860, 33.5860

# Conversions

## Conversions Part 2

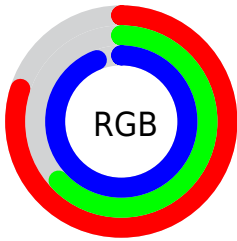
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">205, 161, 239</a>
Decimal	<a href="#">13476335</a>
CIELab	<a href="#">72.69, 30.53, -33.00</a>
CIELCh	<a href="#">73, 44.959, 312.778</a>
Yxy	<a href="#">44.7009, 0.2882, 0.2408</a>
Android (android.graphics.Color)	<a href="#">4291666415 (0xFFCDA1EF)</a>
YUV	<a href="#">183.0480, 27.5843, 19.2519</a>
Hunter-Lab	<a href="#">66.8587, 25.8366, -30.7666</a>

# Details

The Hex color **CDA1EF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C3EFA1**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD8FF**, and **966DB7** is the 20% darker color. If you saturate the color by 10%, you get **C389EF**, and if you desaturate by 10%, it is **D7B9EF**.

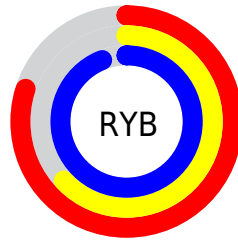
# Distribution



Red (80%)

Green (63%)

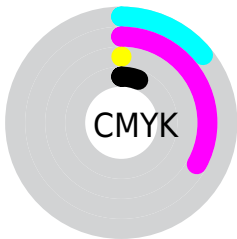
Blue (94%)



Red (80%)

Yellow (63%)

Blue (94%)

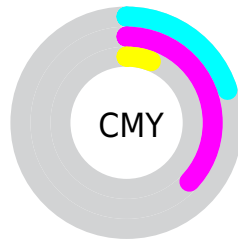


Cyan (14%)

Magenta (33%)

Yellow (0%)

Black (6%)



Cyan (20%)

Magenta (37%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDA1EF 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 CDA1EF by changing the saturation by 10% instead.



 CDA1EF

FFFFFF

 FFD8FF

 FFF5FF

 CDA1EF

 B187D3

 966DB7

 7B549C

 613C81

 482568

 300E4F

 1A0038

 000222

 000008

 CDA1EF

 CDA1EF

 C389EF

 D7B9EF

 B871EF

 E2D1EF

 AE59EF

 ECE9EF

 A341EF

 F7FFEF

 992AEF

 FFFFEF

 8E12EF

 8700EF

# Harmonies

## Analogous

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



91B1FF



CDA1EF



F394CC

# Triad

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



CDA1EF



E0A864



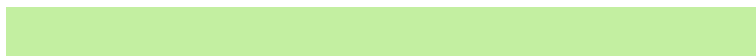
00C8C3

# Complementary

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



CDA1EF



C3EFA1

# 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.



55C699



CDA1EF



BBB660

# Square

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



CDA1EF



FA9A7C



8DC074



00C5E9

# Rectangle

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



CDA1EF



FF91B0



8DC074



12C8B5



# Sweetspot

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



CDA1EF



F4E6FF



A1C4EF



797080



000000



808080



# Same Dimension

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



CDA1EF



D49CFF



EFA1EB



736C78



6800B8



200038



# Inverse Universe

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



EFA1C3



FF9CC7



A1EFA5



786C71



B80050

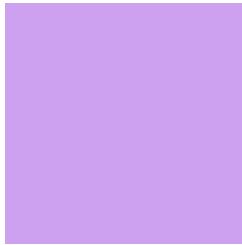


380018



# Previews

## White Background



This preview shows how the Hex color CDA1EF looks on a white background.

## Color Contrast Check

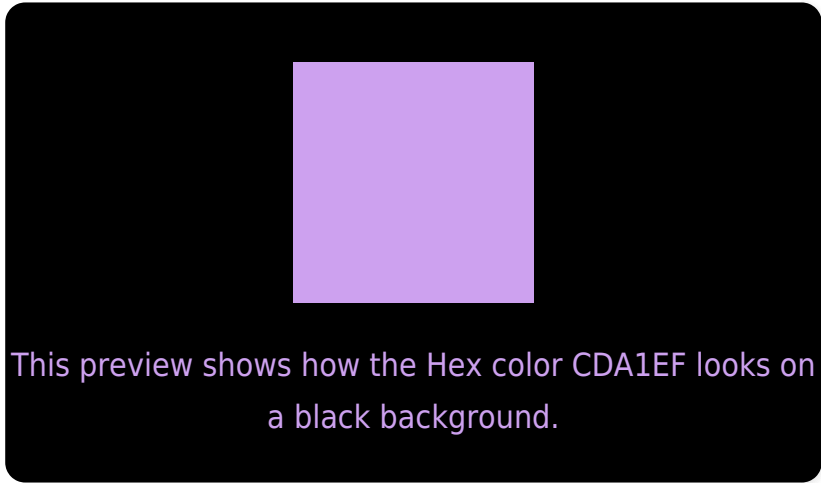
Large Text (above 18pt) WCAG AA × Fail

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 CDA1EF Background



This preview shows how black text looks on a background with the Hex color CDA1EF.

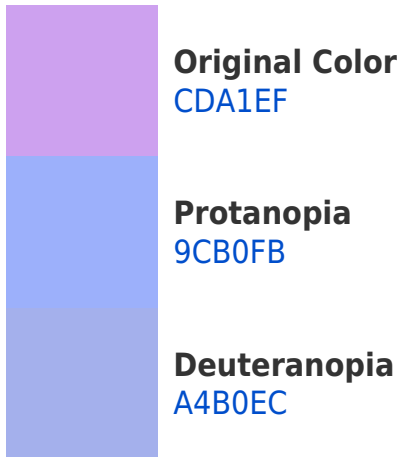


This preview shows how white text looks on a background with the Hex color CDA1EF.

# 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](#).

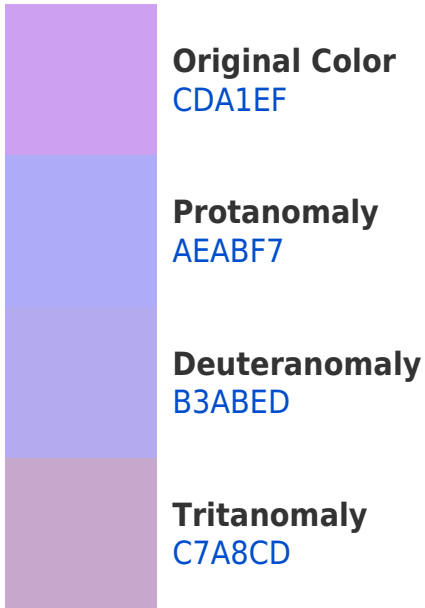
## Dichromacy



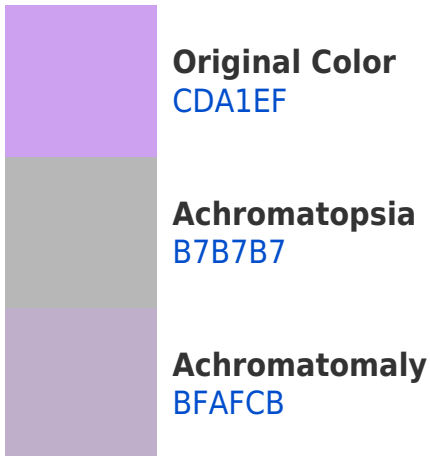


**Tritanopia**  
C4ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDA1EF 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 #CDA1EF looks like.

```
.text, #text, p{  
    color:#CDA1EF  
}
```

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 #CDA1EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA1EF
}
```

## Border

The CSS property to change the border of an element to Hex CDA1EF 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
#CDA1EF }
```

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

```
.border{ border-color:#CDA1EF }
```

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

Here you see how a box with a 4 pixel #CDA1EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA1EF; -webkit-box-shadow:4px 4px  
4px 4px #CDA1EF; box-shadow:4px 4px 4px  
4px #CDA1EF }
```

# Background

The CSS property to change the background color of an element to Hex CDA1EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA1EF }
```

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

```
.background{ background-color:#CDA1EF }
```

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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