

# Converting Colors

Hex(CDA7F2)

Have a look what the booklet for  
Hex(CDA7F2) contains.

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# **Color**

**Hex(CDA7F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CDA7F2
RGB	205, 167, 242
RGB Percent	80%, 65%, 95%
CMY	0.1961, 0.3451, 0.0510
CMYK	0.15, 0.31, 0.00, 0.05
HSL	270°, 74%, 80%
HSV	270°, 31%, 95%
XYZ	55.0226, 47.0274, 90.1816
YIQ	186.9120, -1.4270, 31.3810

# Conversions

## Conversions Part 2

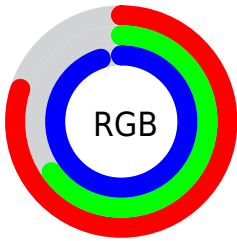
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	205, 167, 242
Decimal	13477874
CIE <sub>Lab</sub>	74.21, 27.89, -32.29
CIE <sub>LCh</sub>	74, 42.669, 310.814
Y <sub>xy</sub>	47.0274, 0.2862, 0.2446
Android (android.graphics.Color)	4291667954 (0xFFCDA7F2)
Y <sub>UV</sub>	186.9120, 27.1584, 15.8632
Hunter-Lab	68.5765, 23.2111, -29.9658

# Details

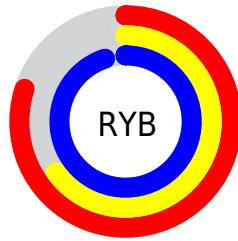
The Hex color **CDA7F2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CCF2A7**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFDEFF**, and **9673BA** is the 20% darker color. If you saturate the color by 10%, you get **C18FF2**, and if you desaturate by 10%, it is **D9BFF2**.

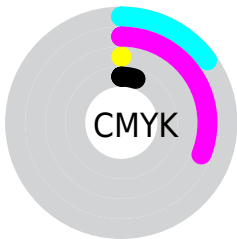
# Distribution



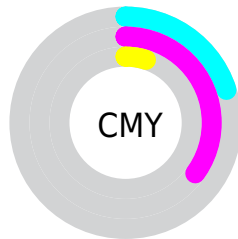
- Red (80%)
- Green (65%)
- Blue (95%)



- Red (80%)
- Yellow (65%)
- Blue (95%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (35%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDA7F2 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 CDA7F2 by changing the saturation by 10% instead.



 CDA7F2

 CDA7F2

FFFFFF

 B18CD5

 FFDEFF

 9673BA

 FFFBFF

 7B5A9E

 614284

 482B6B

 301552

 19003B

 000024

 00000C

 CDA7F2

 CDA7F2

 C18FF2

 D9BFF2

 B577F2

 E5D7F2

 A95EF2

 F1F0F2

 9D46F2

 FDFFF2

 912EF2

 FFFFF2

 8516F2

 7B00F2

# Harmonies

## Analogous

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



94B6FF



CDA7F2



F39BD1

# Triad

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



CDA7F2



E5AB6D



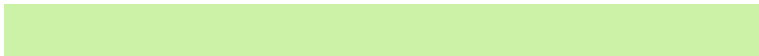
18CBC4

# Complementary

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



CDA7F2



CCF2A7

# 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.



64C99B



CDA7F2



C2B968

# Square

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



CDA7F2



FC9E85



97C37A



00C9E9

# Rectangle

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



CDA7F2



FF97B7



97C37A



39CBB6



# Sweetspot

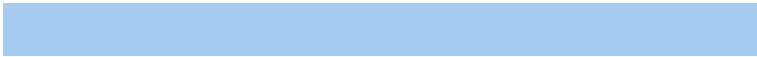
The Sweet Spot groups the original color and five complimentary colors.



CDA7F2



F4E8FF



A7CCF2



797180



000000



808080



# Same Dimension

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



CDA7F2



D0A1FF



F2A7F2



726C78



5D00B8



1C0038



# Inverse Universe

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



F2A7CC



FFA1CF



A7F2A7



786C72



B8005B

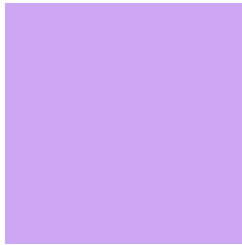


38001C



# Previews

## White Background



This preview shows how the Hex color CDA7F2 looks on a white background.

## Color Contrast Check

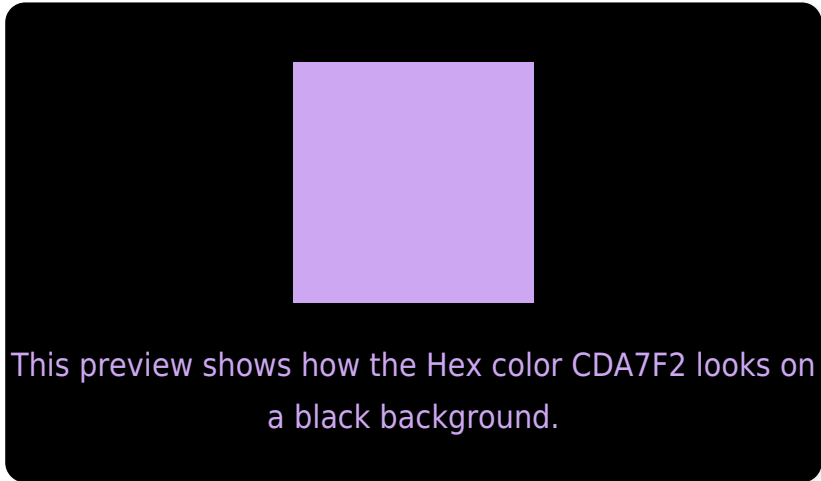
Large Text (above 18pt) WCAG AA × Fail

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 CDA7F2 Background



This preview shows how black text looks on a background with the Hex color CDA7F2.

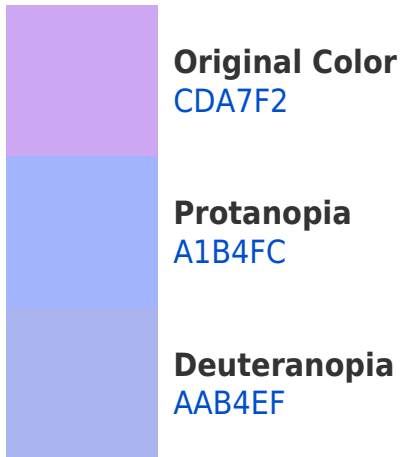


This preview shows how white text looks on a background with the Hex color CDA7F2.

# 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**  
C5B1BF

# Trichromacy



**Original Color**  
CDA7F2

**Protanomaly**  
B1AFF8

**Deuteranomaly**  
B7AFF0

**Tritanomaly**  
C8ADD2

# Monochromacy



**Original Color**  
CDA7F2

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
C2B4CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDA7F2 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 #CDA7F2 looks like.

```
.text, #text, p{  
    color:#CDA7F2  
}
```

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 #CDA7F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDA7F2
}
```

## Border

The CSS property to change the border of an element to Hex CDA7F2 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
#CDA7F2 }
```

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

```
.border{ border-color:#CDA7F2 }
```

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

Here you see how a box with a 4 pixel #CDA7F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDA7F2; -webkit-box-shadow:4px 4px  
4px 4px #CDA7F2; box-shadow:4px 4px 4px  
4px #CDA7F2 }
```

# Background

The CSS property to change the background color of an element to Hex CDA7F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDA7F2 }
```

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

```
.background{ background-color:#CDA7F2 }
```

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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