

# Converting Colors

Hex(D7ACFF)

Have a look what the booklet for  
Hex(D7ACFF) contains.

<b>Hex(D7ACFF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D7ACFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7ACFF
RGB	215, 172, 255
RGB Percent	84%, 67%, 100%
CMY	0.1569, 0.3255, 0.0000
CMYK	0.16, 0.33, 0.00, 0.00
HSL	271°, 100%, 84%
HSV	271°, 33%, 100%
XYZ	60.8269, 51.1721, 101.2790
YIQ	194.3190, -1.0150, 34.9290

# Conversions

## Conversions Part 2

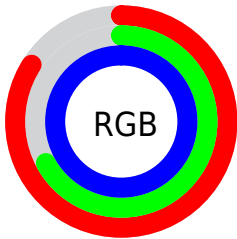
Format	Color
<a href="#">RYB</a>	<a href="#">215, 172, 255</a>
Decimal	<a href="#">14134527</a>
CIELab	<a href="#">76.78, 30.95, -35.26</a>
CIELCh	<a href="#">77, 46.918, 311.277</a>
Yxy	<a href="#">51.1721, 0.2852, 0.2399</a>
Android (android.graphics.Color)	<a href="#">4292324607</a> ( <a href="#">0xFFD7ACFF</a> )
YUV	<a href="#">194.3190, 29.9157, 18.1372</a>
Hunter-Lab	<a href="#">71.5347, 26.5951, -33.8687</a>

# Details

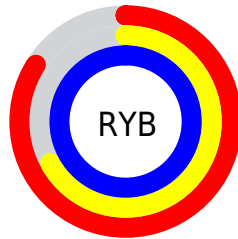
The Hex color **D7ACFF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D4FFAC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFE4FF**, and **9F77C6** is the 20% darker color. If you saturate the color by 10%, you get **CB93FF**, and if you desaturate by 10%, it is **E3C6FF**.

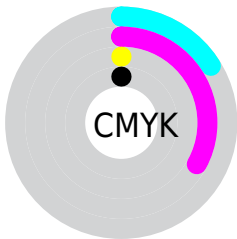
# Distribution



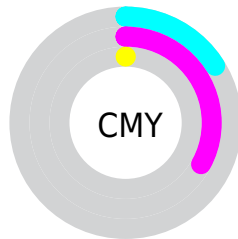
- Red (84%)
- Green (67%)
- Blue (100%)



- Red (84%)
- Yellow (67%)
- Blue (100%)



- Cyan (16%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7ACFF 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 D7ACFF by changing the saturation by 10% instead.



 D7ACFF

 D7ACFF

FFFFFF

 BB91E2

 FFE4FF

 9F77C6

 845EAA

 6A4690

 502E76

 37185D

 1F0245

 02002E

 000118

 D7ACFF

 D7ACFF

 CB93FF

 E3C6FF

 BE79FF

 F0DFFF

 B260FF

 FCF9FF

 A646FF

FFFFFF

 9A2DFF

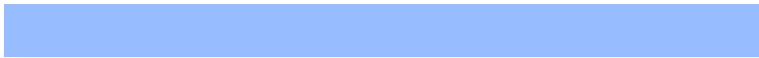
 8D13FF

 8400FF

# Harmonies

## Analogous

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



97BCFF



D7ACFF



FF9EDA

# Triad

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



D7ACFF



F0B16B



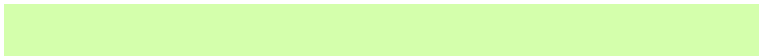
00D4CD

# Complementary

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



D7ACFF



D4FFAC

# 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.



5FD2A0



D7ACFF



C9C066

# Square

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



D7ACFF



FFA386



99CC7A



00D2F6

# Rectangle

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



D7ACFF



FF9ABD



99CC7A



20D4BE



# Sweetspot

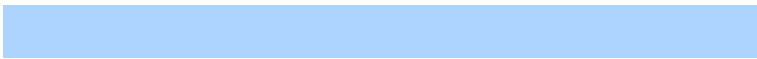
The Sweet Spot groups the original color and five complimentary colors.



D7ACFF



F3E6FF



ACD4FF



787080



000000



808080



# Same Dimension

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



D7ACFF



CF9CFF



FFACFE



797380



6300BF



210040



# Inverse Universe

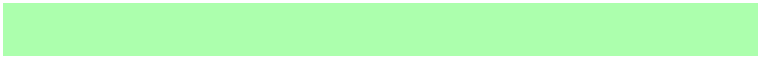
The Inverse Universe completely reimagines the original color for something new.



FFACD4



FF9CCB



ACFFAD



807379



BF005C

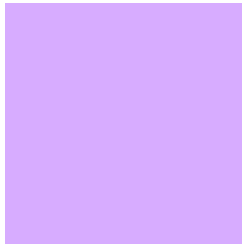


40001F



# Previews

## White Background



This preview shows how the Hex color D7ACFF looks on a white background.

## Color Contrast Check

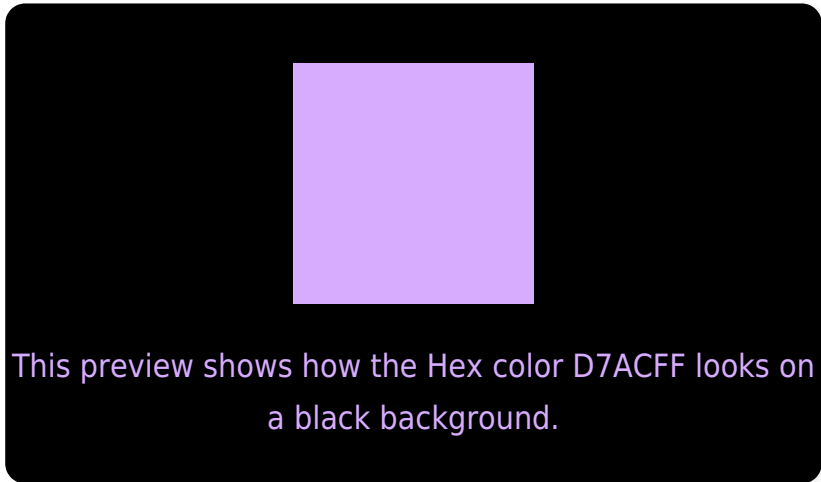
Large Text (above 18pt) WCAG AA × Fail

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 D7ACFF Background



This preview shows how black text looks on a background with the Hex color D7ACFF.



This preview shows how white text looks on a background with the Hex color D7ACFF.

# 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](#).

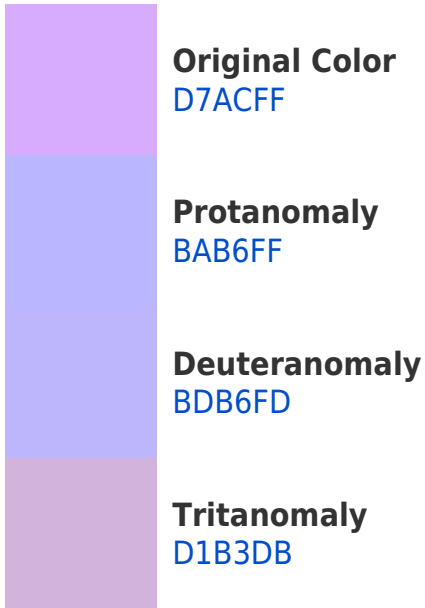
## Dichromacy



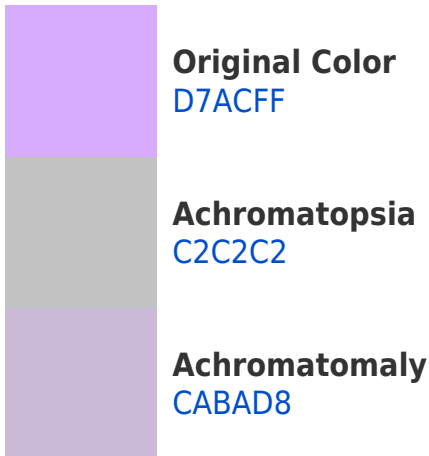


**Tritanopia**  
CEB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7ACFF 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 #D7ACFF looks like.

```
.text, #text, p{  
    color:#D7ACFF  
}
```

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 #D7ACFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7ACFF
}
```

## Border

The CSS property to change the border of an element to Hex D7ACFF 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
#D7ACFF }
```

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

```
.border{ border-color:#D7ACFF }
```

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

Here you see how a box with a 4 pixel #D7ACFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7ACFF; -webkit-box-shadow:4px 4px  
4px 4px #D7ACFF; box-shadow:4px 4px 4px  
4px #D7ACFF }
```

# Background

The CSS property to change the background color of an element to Hex D7ACFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7ACFF }
```

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

```
.background{ background-color:#D7ACFF }
```

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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