

# Converting Colors

Hex(D7A0FF)

Have a look what the booklet for  
Hex(D7A0FF) contains.

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# **Color**

**Hex(D7A0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7A0FF
RGB	215, 160, 255
RGB Percent	84%, 63%, 100%
CMY	0.1569, 0.3725, 0.0000
CMYK	0.16, 0.37, 0.00, 0.00
HSL	275°, 100%, 81%
HSV	275°, 37%, 100%
XYZ	58.6451, 46.8087, 100.5518
YIQ	187.2750, 2.2850, 41.2050

# Conversions

## Conversions Part 2

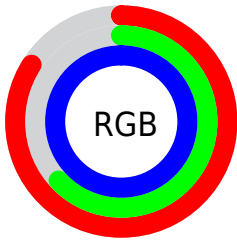
Format	Color
R <sub>Y</sub> B	215, 160, 255
Decimal	14131455
CIE Lab	74.07, 37.44, -39.47
CIE LCh	74, 54.409, 313.488
Yxy	46.8087, 0.2847, 0.2272
Android (android.graphics.Color)	4292321535 (0xFFD7A0FF)
YUV	187.2750, 33.3884, 24.3148
Hunter-Lab	68.4169, 33.2760, -39.2463

# Details

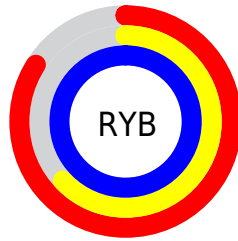
The Hex color **D7A0FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C8FFA0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFD7FF**, and **9F6BC6** is the 20% darker color. If you saturate the color by 10%, you get **CC86FF**, and if you desaturate by 10%, it is **E2BAFF**.

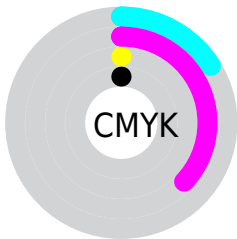
# Distribution



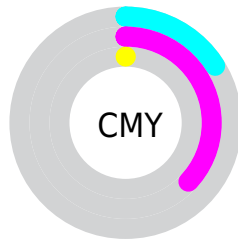
- Red (84%)
- Green (63%)
- Blue (100%)



- Red (84%)
- Yellow (63%)
- Blue (100%)



- Cyan (16%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (37%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7A0FF 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 D7A0FF by changing the saturation by 10% instead.



 D7A0FF

 D7A0FF

FFFFFF

 BB85E2

 FFD7FF

 9F6BC6

 FFF4FF

 8452AA

 693A90

 4F2276

 36095C

 1D0044

 00002D

 000118

 D7A0FF

 D7A0FF

 CC86FF

 E2BAFF

 C26DFF

 ECD3FF

 B754FF

 F7EDFF

 AC3AFF

FFFFFF

 A121FF

 9707FF

 9400FF

# Harmonies

## Analogous

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



8AB4FF



D7A0FF



FF90D4

# Triad

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



D7A0FF



EBAA55



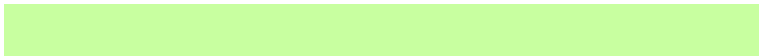
00CFCC

# Complementary

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



D7A0FF



C8FFA0

# 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.



30CE98



D7A0FF



BEBA51

# Square

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



D7A0FF



FF9774



86C76B



00CCFA

# Rectangle

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



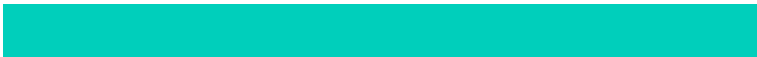
D7A0FF



FF8BB2



86C76B



00CFBB



# Sweetspot

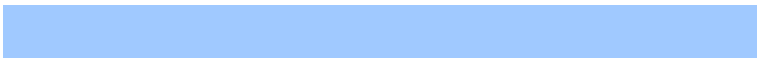
The Sweet Spot groups the original color and five complimentary colors.



D7A0FF



F3E3FF



A0C9FF



796F80



000000



808080



# Same Dimension

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



D7A0FF



CF8CFF



FFA0F9



7A7380



6F00BF



250040



# Inverse Universe

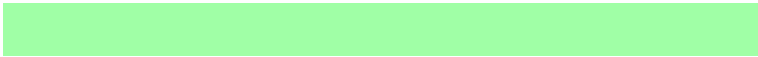
The Inverse Universe completely reimagines the original color for something new.



FFA0C8



FF8CBD



A0FFA6



807378



BF0051

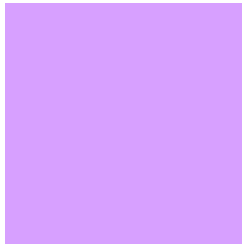


40001B



# Previews

## White Background



This preview shows how the Hex color D7A0FF looks on a white background.

## Color Contrast Check

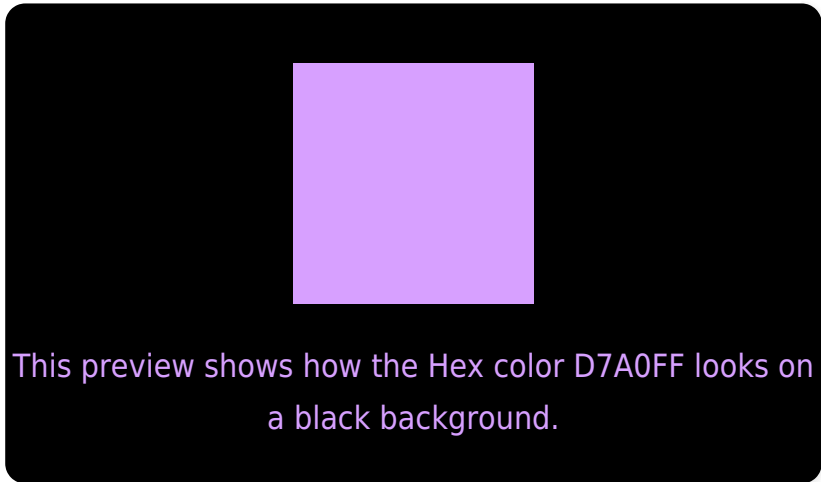
Large Text (above 18pt) WCAG AA × Fail

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 D7A0FF Background



This preview shows how black text looks on a background with the Hex color D7A0FF.

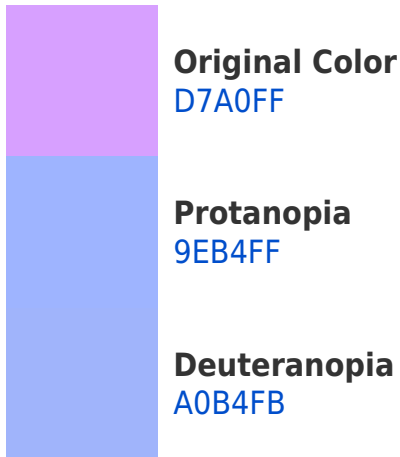


This preview shows how white text looks on a background with the Hex color D7A0FF.

# Color Blindness Simulation

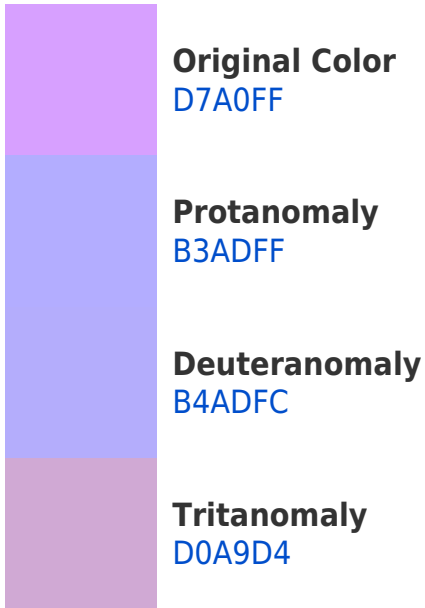
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

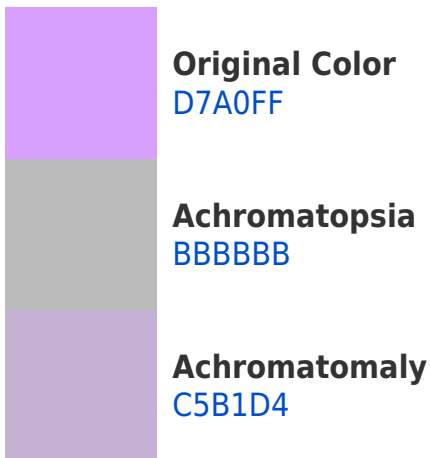




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7A0FF 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 #D7A0FF looks like.

```
.text, #text, p{  
    color:#D7A0FF  
}
```

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 #D7A0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7A0FF
}
```

## Border

The CSS property to change the border of an element to Hex D7A0FF 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
#D7A0FF }
```

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

```
.border{ border-color:#D7A0FF }
```

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

Here you see how a box with a 4 pixel #D7A0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7A0FF; -webkit-box-shadow:4px 4px  
4px 4px #D7A0FF; box-shadow:4px 4px 4px  
4px #D7A0FF }
```

# Background

The CSS property to change the background color of an element to Hex D7A0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7A0FF }
```

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

```
.background{ background-color:#D7A0FF }
```

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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