

# Converting Colors

Hex(DD7EFF)

Have a look what the booklet for  
Hex(DD7EFF) contains.

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# **Color**

**Hex(DD7EFF)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | DD7EFF                     |
| RGB           | 221, 126, 255              |
| RGB Percent   | 87%, 49%, 100%             |
| CMY           | 0.1333, 0.5059, 0.0000     |
| CMYK          | 0.13, 0.51, 0.00, 0.00     |
| HSL           | 284°, 100%, 75%            |
| HSV           | 284°, 51%, 100%            |
| XYZ           | 55.3296, 37.5139, 98.9324  |
| YIQ           | 169.1110, 15.2110, 60.2590 |

# Conversions

## Conversions Part 2

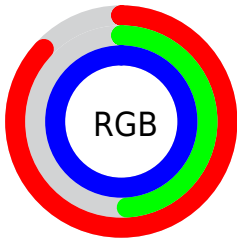
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">221, 126, 255</a>                  |
| Decimal                             | <a href="#">14515967</a>                       |
| CIELab                              | <a href="#">67.66, 56.88, -49.47</a>           |
| CIElCh                              | <a href="#">68, 75.383, 318.986</a>            |
| Yxy                                 | <a href="#">37.5139, 0.2885,<br/>0.1956</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4292706047<br/>(0xFFDD7EFF)</a>    |
| YUV                                 | <a href="#">169.1110, 42.3433,<br/>45.5067</a> |
| Hunter-Lab                          | <a href="#">61.2486, 54.0652,<br/>-52.8949</a> |

# Details

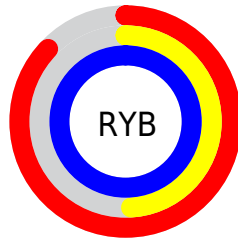
The Hex color **DD7EFF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A0FF7E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB5FF**, and **A348C6** is the 20% darker color. If you saturate the color by 10%, you get **D665FF**, and if you desaturate by 10%, it is **E498FF**.

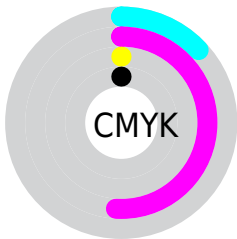
# Distribution



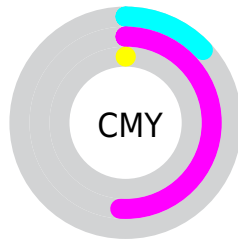
- Red (87%)
- Green (49%)
- Blue (100%)



- Red (87%)
- Yellow (49%)
- Blue (100%)



- Cyan (13%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD7EFF 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 DD7EFF by changing the saturation by 10% instead.



 DD7EFF

 DD7EFF

FFFFFF

 C063E2

 FFB5FF

 A348C6

 FFD2FF

 872CAA

 FFEFFF

 6C088F

 500075

 35005B

 1C0043

 00002C

 000116

 DD7EFF

 DD7EFF

 D665FF

 E498FF

 D04BFF

 EAB1FF

 C931FF

 F1CBFF

 C218FF

 F8E4FF

 BC00FF

FFFEFF

FFFFFF

# Harmonies

## Analogous

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



6D9DFF



DD7EFF



FF62C1

# Triad

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



DD7EFF



DA9900



00C4CF

# Complementary

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



DD7EFF



A0FF7E

# 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.



00C289



DD7EFF



9CAF00

# Square

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



DD7EFF



FF7B3E



43BC44



00C0FF

# Rectangle

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



DD7EFF



FF5D93



43BC44



00C4B8



# Sweetspot

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



DD7EFF



F5D9FF



7EA0FF



796980



000000



808080



# Same Dimension

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



DD7EFF



D663FF



FF7EE1



7C7380



8D00BF



2F0040



# Inverse Universe

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



FF7EA0



FF638C



7EFF9C



807376



BF0032

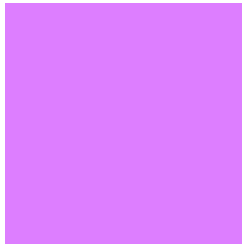


400011



# Previews

## White Background



This preview shows how the Hex color DD7EFF looks on a white background.

## Color Contrast Check

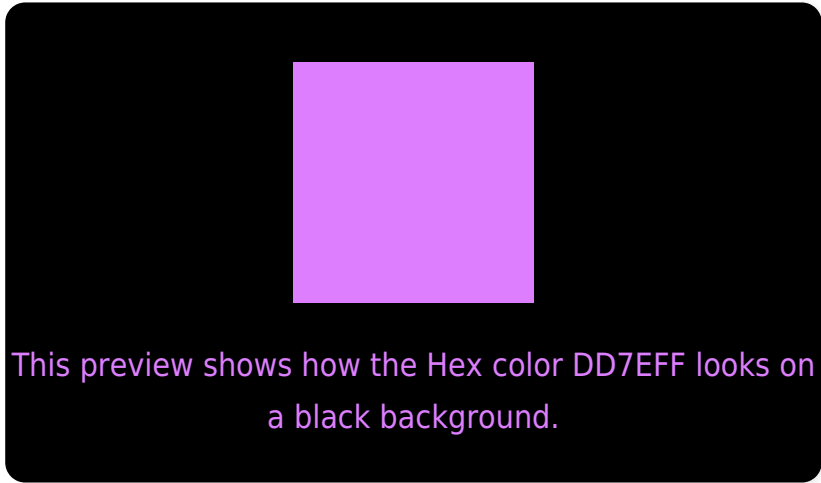
Large Text (above 18pt) WCAG AA × Fail

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 DD7EFF Background



This preview shows how black text looks on a background with the Hex color DD7EFF.



This preview shows how white text looks on a background with the Hex color DD7EFF.

# 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



**Original Color**  
DD7EFF

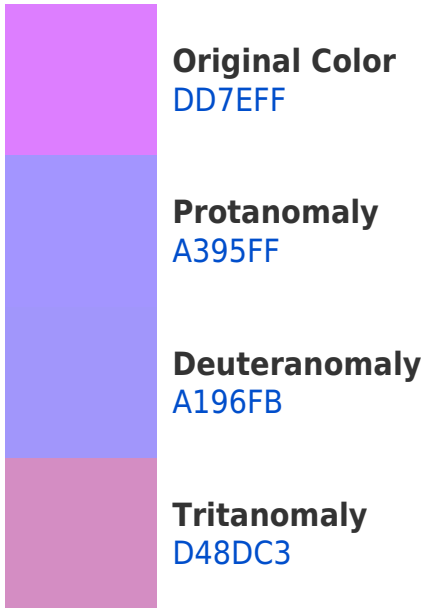
**Protanopia**  
82A2FF

**Deuteranopia**  
7FA4F8

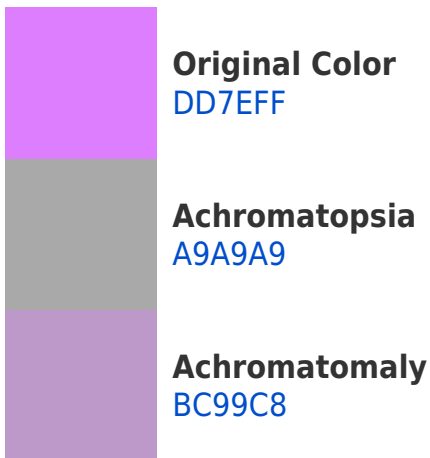


**Tritanopia**  
CF95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD7EFF 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 #DD7EFF looks like.

```
.text, #text, p{  
    color:#DD7EFF  
}
```

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 #DD7EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7EFF
}
```

## Border

The CSS property to change the border of an element to Hex DD7EFF 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
#DD7EFF }
```

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

```
.border{ border-color:#DD7EFF }
```

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

Here you see how a box with a 4 pixel #DD7EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7EFF; -webkit-box-shadow:4px 4px  
4px 4px #DD7EFF; box-shadow:4px 4px 4px  
4px #DD7EFF }
```

# Background

The CSS property to change the background color of an element to Hex DD7EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7EFF }
```

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

```
.background{ background-color:#DD7EFF }
```

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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