

Converting Colors

Hex(DD7CFA)

Have a look what the booklet for
Hex(DD7CFA) contains.

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Color

Hex(DD7CFA)

Conversions

Conversions Part 1

Format	Color
Hex	DD7CFA
RGB	221, 124, 250
RGB Percent	87%, 49%, 98%
CMY	0.1333, 0.5137, 0.0196
CMYK	0.12, 0.50, 0.00, 0.02
HSL	286°, 93%, 73%
HSV	286°, 50%, 98%
XYZ	54.2818, 36.6896, 94.6633
YIQ	167.3670, 17.3660, 59.7500

Conversions

Conversions Part 2

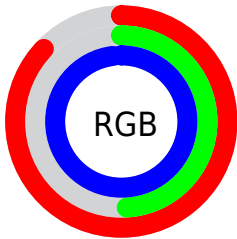
Format	Color
R _Y B	221, 124, 250
Decimal	14515450
CIE Lab	67.04, 56.89, -47.71
CIE LCh	67, 74.244, 320.017
Yxy	36.6896, 0.2924, 0.1976
Android (android.graphics.Color)	4292705530 (0xFFDD7CFA)
YUV	167.3670, 40.7381, 47.0361
Hunter-Lab	60.5719, 53.9626, -50.2595

Details

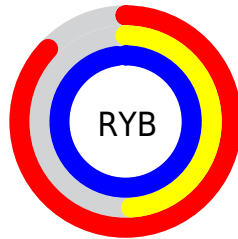
The Hex color **DD7CFA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **99FA7C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFB3FF**, and **A346C1** is the 20% darker color. If you saturate the color by 10%, you get **D763FA**, and if you desaturate by 10%, it is **E395FA**.

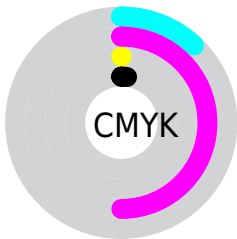
Distribution



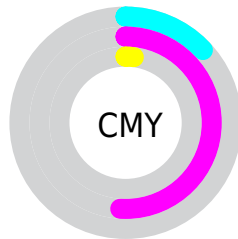
- Red (87%)
- Green (49%)
- Blue (98%)



- Red (87%)
- Yellow (49%)
- Blue (98%)



- Cyan (12%)
- Magenta (50%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (51%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD7CFA 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 DD7CFA by changing the saturation by 10% instead.

 DD7CFA

FFFFFF

 FFB3FF

 FFD0FF

 FFEDFF

 DD7CFA

 C061DD

 A346C1

 872AA5

 6C048B

 510071

 360057

 1D003F

 000228

 000112

■ DD7CFA

■ DD7CFA

■ D763FA

■ E395FA

■ D14AFA

■ E9AEFA

■ CC31FA

■ EEC7FA

■ C618FA

■ F4E0FA

■ C000FA

■ FAF9FA

■ FFFFFA

Harmonies

Analogous

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



729BFF



DD7CFA



FF61BC

Triad

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



DD7CFA



D69800



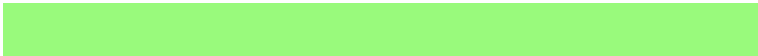
00C2CF

Complementary

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



DD7CFA



99FA7C

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.



00C18A



DD7CFA



98AD00

Square

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



DD7CFA



FF7C3C



3FBA46



00BEFF

Rectangle

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



DD7CFA



FF5D90



3FBA46



00C2B8

Sweetspot

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



DD7CFA



F6D9FF



7C99FA



7A6980



000000



808080

Same Dimension

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



DD7CFA



DC66FF



FA7CD8



7A707D



9100BD



2F003D

Inverse Universe

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



FA7C99



FF6689



7CFA9E



7D7073



BD002B



3D000E

Previews

White Background



This preview shows how the Hex color DD7CFA looks on a white background.

Color Contrast Check

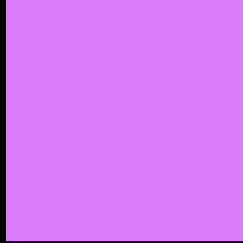
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DD7CFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

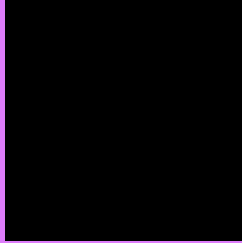
Any Text WCAG AA ✓ Pass

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 DD7CFA Background



This preview shows how black text looks on a background with the Hex color DD7CFA.

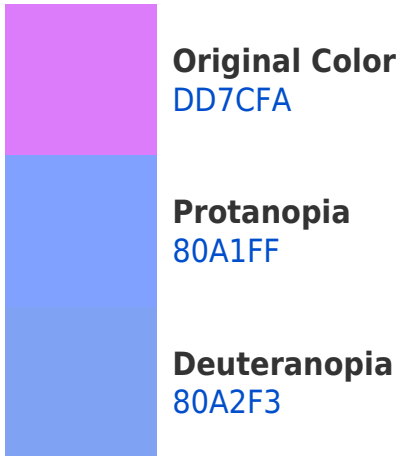


This preview shows how white text looks on a background with the Hex color DD7CFA.

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
D0929E

Trichromacy



Original Color
DD7CFA



Protanomaly
A294FD



Deuteranomaly
A294F6



Tritanomaly
D58ABF

Monochromacy



Original Color
DD7CFA



Achromatopsia
A7A7A7



Achromatomaly
BB97C5

CSS Examples

Text

The CSS property to change the color of the text to Hex DD7CFA 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 #DD7CFA looks like.

```
.text, #text, p{  
    color:#DD7CFA  
}
```

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 #DD7CFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7CFA
}
```

Border

The CSS property to change the border of an element to Hex DD7CFA 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
#DD7CFA }
```

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

```
.border{ border-color:#DD7CFA }
```

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

Here you see how a box with a 4 pixel #DD7CFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7CFA; -webkit-box-shadow:4px 4px  
4px 4px #DD7CFA; box-shadow:4px 4px 4px  
4px #DD7CFA }
```

Background

The CSS property to change the background color of an element to Hex DD7CFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7CFA }
```

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

```
.background{ background-color:#DD7CFA }
```

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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