

Converting Colors

Hex(D87EFE)

Have a look what the booklet for
Hex(D87EFE) contains.

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Color

Hex(D87EFE)

Conversions

Conversions Part 1

Format	Color
Hex	D87EFE
RGB	216, 126, 254
RGB Percent	85%, 49%, 100%
CMY	0.1529, 0.5059, 0.0039
CMYK	0.15, 0.50, 0.00, 0.00
HSL	282°, 98%, 75%
HSV	282°, 50%, 100%
XYZ	53.6691, 36.6764, 98.0165
YIQ	167.5020, 12.5520, 58.8880

Conversions

Conversions Part 2

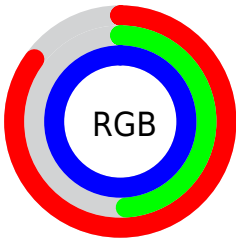
Format	Color
R _Y B	216, 126, 254
Decimal	14188286
CIE _{Lab}	67.03, 55.37, -49.95
CIE _{LCh}	67, 74.568, 317.943
Y _{xy}	36.6764, 0.2849, 0.1947
Android (android.graphics.Color)	4292378366 (0xFFD87EFE)
YUV	167.5020, 42.6435, 42.5327
Hunter-Lab	60.5610, 52.2047, -53.5666

Details

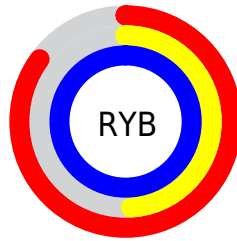
The Hex color **D87EFE** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A4FE7E**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFB5FF**, and **9F49C5** is the 20% darker color. If you saturate the color by 10%, you get **D065FE**, and if you desaturate by 10%, it is **E097FE**.

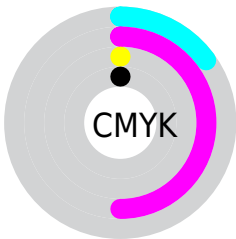
Distribution



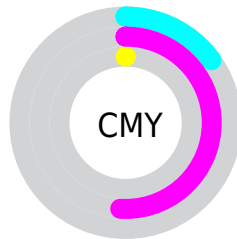
- Red (85%)
- Green (49%)
- Blue (100%)



- Red (85%)
- Yellow (49%)
- Blue (100%)



- Cyan (15%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D87EFE 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 D87EFE by changing the saturation by 10% instead.

 D87EFE

FFFFFF

 FFB5FF

 FFD2FF

 FFEFFF

 D87EFE


 BB63E1

 9F49C5

 832DA9

 670C8E

 4C0074

 31005B

 170042

 00032B

 000115

 D87EFE

 D87EFE

 D065FE

 E097FE

 C94BFE

 E7B1FE

 C132FE

 EFCAFE

 BA18FE

 F6E4FE

 B300FE

 FEFDFE

 FFFFFE

Harmonies

Analogous

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



669DFF



D87EFE



FF62C1

Triad

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



D87EFE



D99600



00C2CB

Complementary

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



D87EFE



A4FE7E

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.



00C085



D87EFE



9DAC00

Square

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



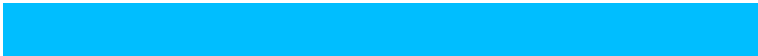
D87EFE



FF7940



47BA41



00BEFF

Rectangle

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



D87EFE



FF5D94



47BA41



00C2B4

Sweetspot

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



D87EFE



F4D9FF



7EA4FE



796980



000000



808080

Same Dimension

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



D87EFE



D266FF



FE7EE4



7C7380



8600BF



2D0040

Inverse Universe

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



FE7EA4



FF6693



7EFE98



807377



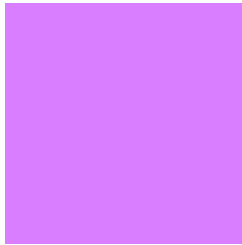
BF0039



400013

Previews

White Background



This preview shows how the Hex color D87EFE 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

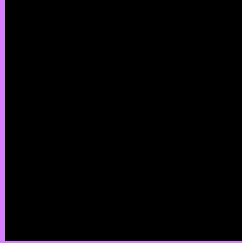
Any Text WCAG AA ✓ Pass

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 D87EFE Background



This preview shows how black text looks on a background with the Hex color D87EFE.

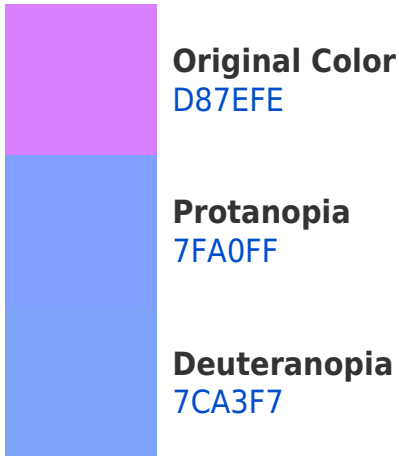



This preview shows how white text looks on a background with the Hex color D87EFE.

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](#).

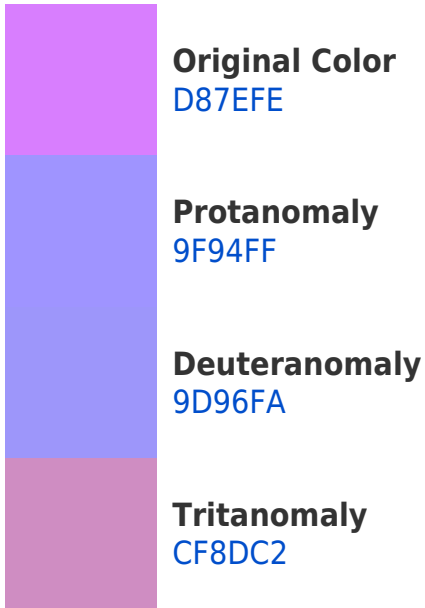
Dichromacy



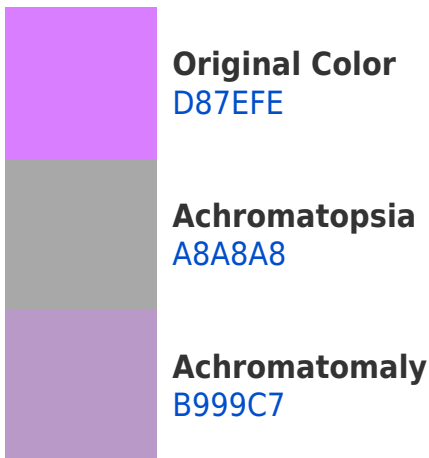


Tritanopia
CA95A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D87EFE 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 #D87EFE looks like.

```
.text, #text, p{  
    color:#D87EFE  
}
```

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 #D87EFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87EFE
}
```

Border

The CSS property to change the border of an element to Hex D87EFE 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
#D87EFE }
```

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

```
.border{ border-color:#D87EFE }
```

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

Here you see how a box with a 4 pixel #D87EFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87EFE; -webkit-box-shadow:4px 4px  
4px 4px #D87EFE; box-shadow:4px 4px 4px  
4px #D87EFE }
```

Background

The CSS property to change the background color of an element to Hex D87EFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87EFE }
```

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

```
.background{ background-color:#D87EFE }
```

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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