

Converting Colors

Hex(D17AFF)

Have a look what the booklet for
Hex(D17AFF) contains.

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Color

Hex(D17AFF)

Conversions

Conversions Part 1

Format	Color
Hex	D17AFF
RGB	209, 122, 255
RGB Percent	82%, 48%, 100%
CMY	0.1804, 0.5216, 0.0000
CMYK	0.18, 0.52, 0.00, 0.00
HSL	279°, 100%, 74%
HSV	279°, 52%, 100%
XYZ	51.3040, 34.6944, 98.6004
YIQ	163.1750, 9.1590, 59.8070

Conversions

Conversions Part 2

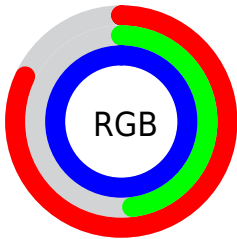
Format	Color
R _Y B	209, 122, 255
Decimal	13728511
CIE Lab	65.51, 55.77, -52.96
CIE LCh	66, 76.910, 316.480
Yxy	34.6944, 0.2779, 0.1879
Android (android.graphics.Color)	4291918591 (0xFFD17AFF)
YUV	163.1750, 45.2697, 40.1885
Hunter-Lab	58.9019, 52.3965, -58.0187

Details

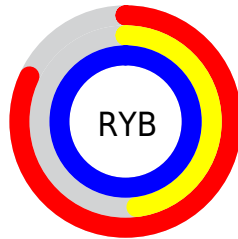
The Hex color **D17AFF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A8FF7A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFB1FF**, and **9845C6** is the 20% darker color. If you saturate the color by 10%, you get **C861FF**, and if you desaturate by 10%, it is **DA94FF**.

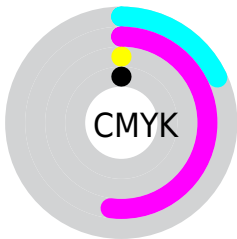
Distribution



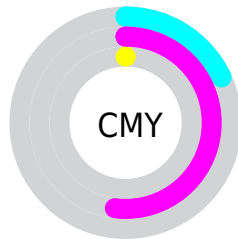
- Red (82%)
- Green (48%)
- Blue (100%)



- Red (82%)
- Yellow (48%)
- Blue (100%)



- Cyan (18%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D17AFF 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 D17AFF by changing the saturation by 10% instead.

 D17AFF

 D17AFF

FFFFFF

 B45FE2

 FFB1FF

 9845C6

 FFCDFD

 7C29AA

 FFEAFF

 60058F

 450075

 29005B

 090043

 00032C

 000116

 D17AFF

 D17AFF

 C861FF

 DA94FF

 BF47FF

 E3ADFF

 B72EFF

 EBC7FF

 AE14FF

 F4E0FF

 A700FF

 FDFAFF

 FFFFFFFF

Harmonies

Analogous

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



509AFF



D17AFF



FF5AC1

Triad

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



D17AFF



D89100



00BEC4

Complementary

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



D17AFF



A8FF7A

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.



00BC7C



D17AFF



9BA700

Square

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



D17AFF



FF723C



44B536



00BBFF

Rectangle

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



D17AFF



FF5393



44B536



00BEAD

Sweetspot

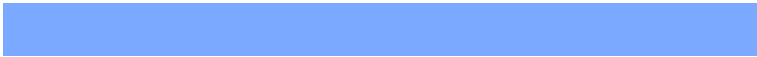
The Sweet Spot groups the original color and five complimentary colors.



D17AFF



F1D6FF



7AA9FF



776780



000000



808080

Same Dimension

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



D17AFF



C75EFF



FF7AEB



7B7380



7D00BF



2A0040

Inverse Universe

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



FF7AA8



FF5E96



7AFF8E



807377



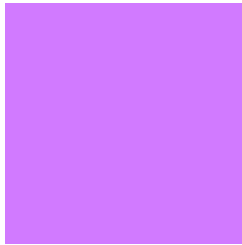
BF0042



400016

Previews

White Background



This preview shows how the Hex color D17AFF 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

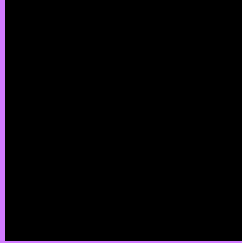
Any Text WCAG AA ✓ Pass

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 D17AFF Background



This preview shows how black text looks on a background with the Hex color D17AFF.

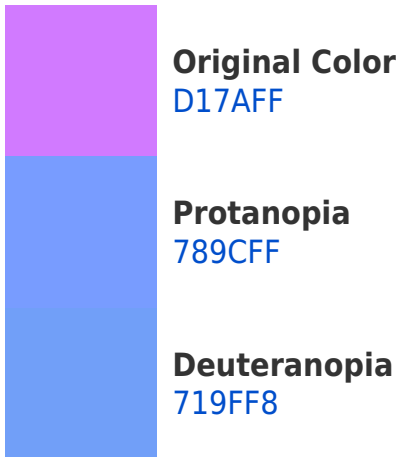


This preview shows how white text looks on a background with the Hex color D17AFF.

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](#).

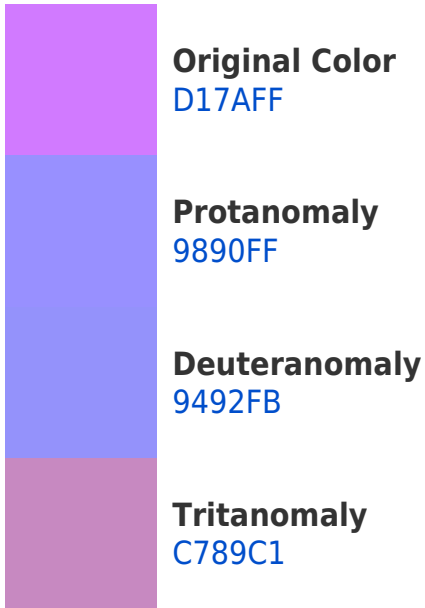
Dichromacy



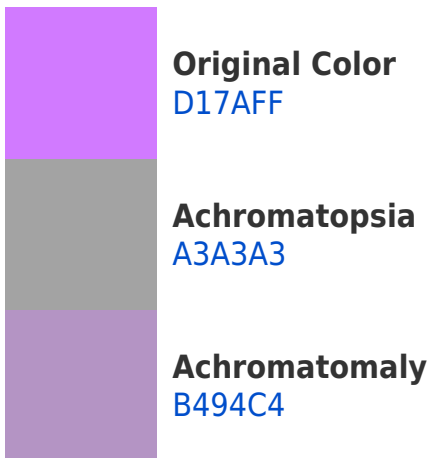


Tritanopia
C2929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D17AFF 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 #D17AFF looks like.

```
.text, #text, p{  
    color:#D17AFF  
}
```

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 #D17AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17AFF
}
```

Border

The CSS property to change the border of an element to Hex D17AFF 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
#D17AFF }
```

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

```
.border{ border-color:#D17AFF }
```

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

Here you see how a box with a 4 pixel #D17AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17AFF; -webkit-box-shadow:4px 4px  
4px 4px #D17AFF; box-shadow:4px 4px 4px  
4px #D17AFF }
```

Background

The CSS property to change the background color of an element to Hex D17AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17AFF }
```

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

```
.background{ background-color:#D17AFF }
```

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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