

Converting Colors

Hex(D17DE7)

Have a look what the booklet for
Hex(D17DE7) contains.

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Color

Hex(D17DE7)

Conversions

Conversions Part 1

Format	Color
Hex	D17DE7
RGB	209, 125, 231
RGB Percent	82%, 49%, 91%
CMY	0.1804, 0.5098, 0.0941
CMYK	0.10, 0.46, 0.00, 0.09
HSL	288°, 69%, 70%
HSV	288°, 46%, 91%
XYZ	48.0519, 33.9921, 79.6298
YIQ	162.2000, 16.0380, 50.7740

Conversions

Conversions Part 2

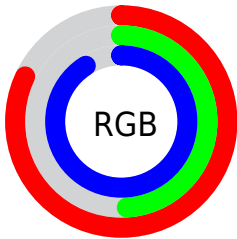
Format	Color
R _Y B	209, 125, 231
Decimal	13729255
CIE Lab	64.96, 49.37, -40.61
CIE LCh	65, 63.925, 320.557
Yxy	33.9921, 0.2972, 0.2103
Android (android.graphics.Color)	4291919335 (0xFFD17DE7)
YUV	162.2000, 33.9184, 41.0436
Hunter-Lab	58.3027, 45.0863, -40.1664

Details

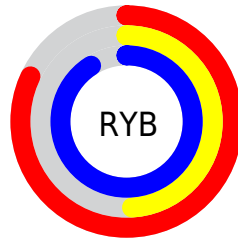
The Hex color **D17DE7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **93E77D**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB4FF**, and **9848AF** is the 20% darker color. If you saturate the color by 10%, you get **CC66E7**, and if you desaturate by 10%, it is **D694E7**.

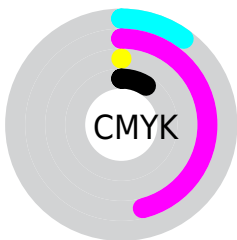
Distribution



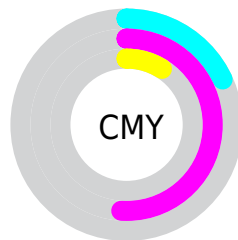
- Red (82%)
- Green (49%)
- Blue (91%)



- Red (82%)
- Yellow (49%)
- Blue (91%)



- Cyan (10%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color D17DE7 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 D17DE7 by changing the saturation by 10% instead.

 D17DE7

 D17DE7

FFFFFF

 B463CB

 FFB4FF

 9848AF

 FFD0FF

 7D2E94

 FFEDFF

 62117A

 480060

 2F0048

 150031

 00011B

 000000

 D17DE7

 D17DE7

 CC66E7

 D694E7

 C74FE7

 DBABE7

 C338E7

 DFC2E7

 BE21E7

 E4D9E7

 B909E7

 E9F1E7

 B700E7

 EEFFE7

 F3FFE7

 F7FFE7

 FCFFE7

Harmonies

Analogous

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



7C96FF



D17DE7



FC69B2

Triad

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



D17DE7



CA9420



00B9C4

Complementary

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



D17DE7



93E77D

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.



00B889



D17DE7



95A725

Square

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



D17DE7



F27D46



4DB251



00B5F5

Rectangle

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



D17DE7



FF678C



4DB251



00B9B1

Sweetspot

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



D17DE7



F8DBFF



7D94E7



7B6A80



000000



808080

Same Dimension

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



D17DE7



E273FF



E77DC9



706773



8D00B3



280033

Inverse Universe

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



E77D93



FF7390



7DE79B



73676A



B30025



33000B

Previews

White Background



This preview shows how the Hex color D17DE7 looks on a white background.

Color Contrast Check

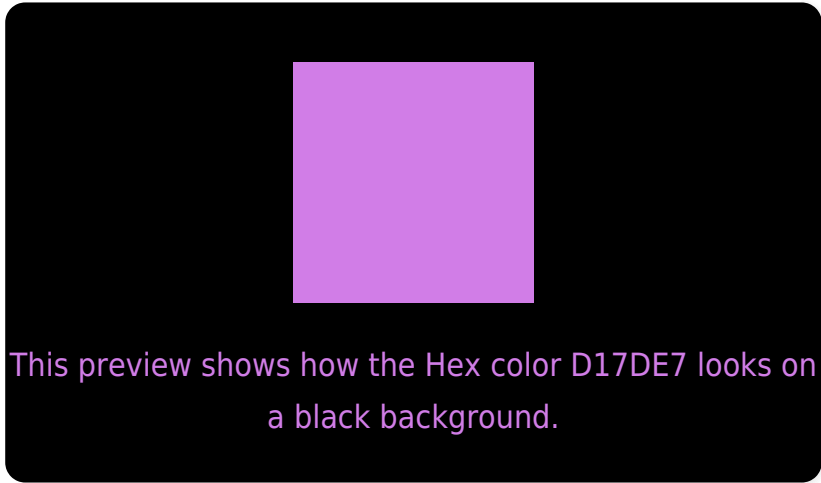
Large Text (above 18pt) WCAG AA × Fail

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

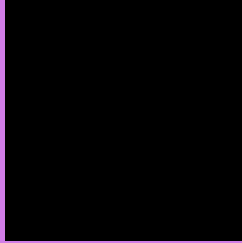
Any Text WCAG AA ✓ Pass

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 D17DE7 Background



This preview shows how black text looks on a background with the Hex color D17DE7.

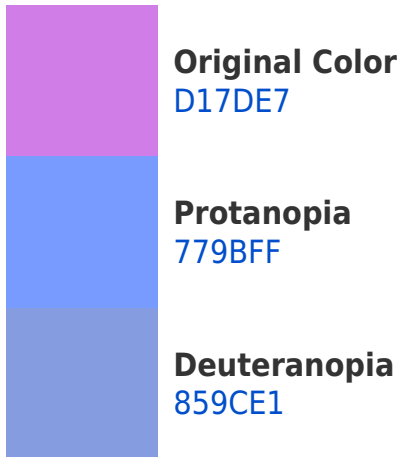


This preview shows how white text looks on a background with the Hex color D17DE7.

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](#).

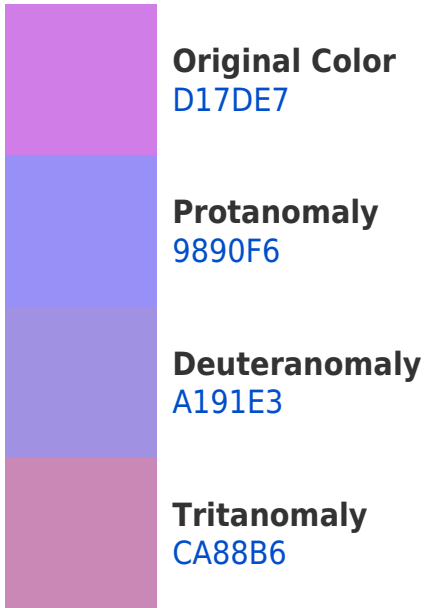
Dichromacy



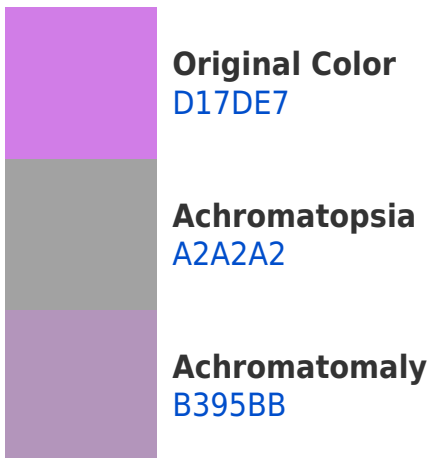


Tritanopia
C68F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D17DE7 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 #D17DE7 looks like.

```
.text, #text, p{  
    color:#D17DE7  
}
```

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 #D17DE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17DE7
}
```

Border

The CSS property to change the border of an element to Hex D17DE7 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
#D17DE7 }
```

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

```
.border{ border-color:#D17DE7 }
```

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

Here you see how a box with a 4 pixel #D17DE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17DE7; -webkit-box-shadow:4px 4px  
4px 4px #D17DE7; box-shadow:4px 4px 4px  
4px #D17DE7 }
```

Background

The CSS property to change the background color of an element to Hex D17DE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17DE7 }
```

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

```
.background{ background-color:#D17DE7 }
```

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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