

# Converting Colors

Hex(D17FD0)

Have a look what the booklet for  
Hex(D17FD0) contains.

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# Color

Hex(**D17FD0**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D17FD0
RGB	209, 127, 208
RGB Percent	82%, 50%, 82%
CMY	0.1804, 0.5020, 0.1843
CMYK	0.00, 0.39, 0.00, 0.18
HSL	301°, 47%, 66%
HSV	301°, 39%, 82%
XYZ	45.2690, 33.2881, 63.7138
YIQ	160.7520, 22.8710, 42.5750

# Conversions

## Conversions Part 2

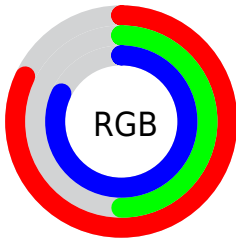
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 127, 208</a>
Decimal	<a href="#">13729744</a>
CIELab	<a href="#">64.39, 43.95, -28.67</a>
CIElCh	<a href="#">64, 52.476, 326.878</a>
Yxy	<a href="#">33.2881, 0.3182, 0.2340</a>
Android (android.graphics.Color)	<a href="#">4291919824</a> ( <a href="#">0xFFD17FD0</a> )
YUV	<a href="#">160.7520, 23.2933, 42.3135</a>
Hunter-Lab	<a href="#">57.6959, 39.0860, -25.0871</a>

# Details

The Hex color **D17FD0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7FD180**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB5FF**, and **994B99** is the 20% darker color. If you saturate the color by 10%, you get **D16AD0**, and if you desaturate by 10%, it is **D194D0**.

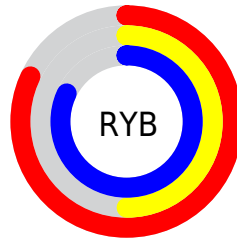
# Distribution



Red (82%)

Green (50%)

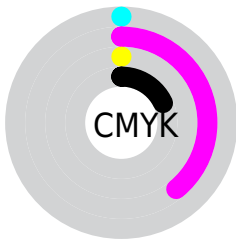
Blue (82%)



Red (82%)

Yellow (50%)

Blue (82%)

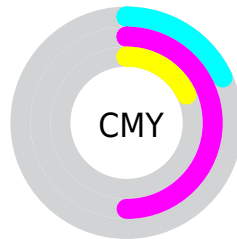


Cyan (0%)

Magenta (39%)

Yellow (0%)

Black (18%)



Cyan (18%)

Magenta (50%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D17FD0 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 D17FD0 by changing the saturation by 10% instead.



 D17FD0

 D17FD0

FFFFFF

 B565B4

 FFB5FF

 994B99

 FFD2FF

 7E317F

 FFE0FF

 631666

 4A004E

 320036

 170020

 000004

 000000

 D17FD0

 D17FD0

 D16AD0

 D194D0

 D155CF

 D1A9D1

 D140CF

 D1BED1

 D12BCF

 D1D3D1

 D116CF

 D1E7D1

 D102CE

 D1FCD2

 D100CE

 D1FFD2

# Harmonies

## Analogous

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



9692F0



D17FD0



EF73A3

# Triad

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



D17FD0



BB983A



00B3C5

# Complementary

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



D17FD0



7FD180

# 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.



00B396



D17FD0



8DA644

# Square

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



D17FD0



DE864E



50AF67



00AEEA

# Rectangle

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



D17FD0



F37483



50AF67



00B3B6



# Sweetspot

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



D17FD0



FFE0FF



7F7FD1



806E7F



000000



808080



# Same Dimension

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



D17FD0



FF87FE



D17FA8



695E68



A800A6



290028



# Inverse Universe

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



D17FD0



FF87FE



7FD1A8



695E68



A800A6



290028



# Previews

## White Background



This preview shows how the Hex color D17FD0 looks on a white background.

## Color Contrast Check

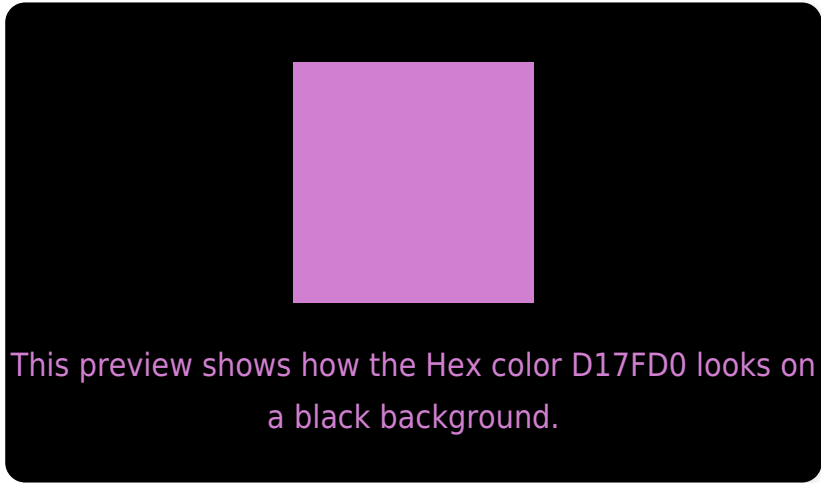
Large Text (above 18pt) WCAG AA × Fail

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

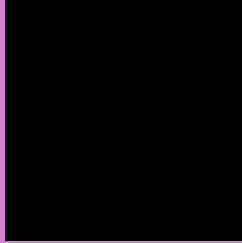
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D17FD0 Background



This preview shows how black text looks on a background with the Hex color D17FD0.

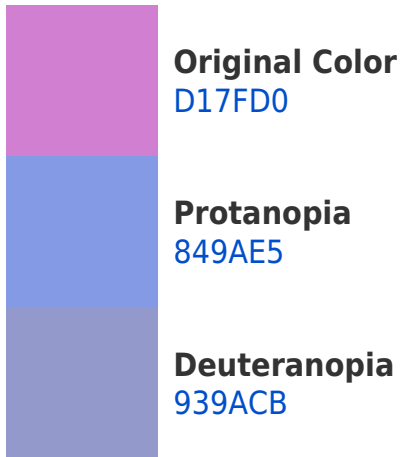


This preview shows how white text looks on a background with the Hex color D17FD0.

# 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](#).

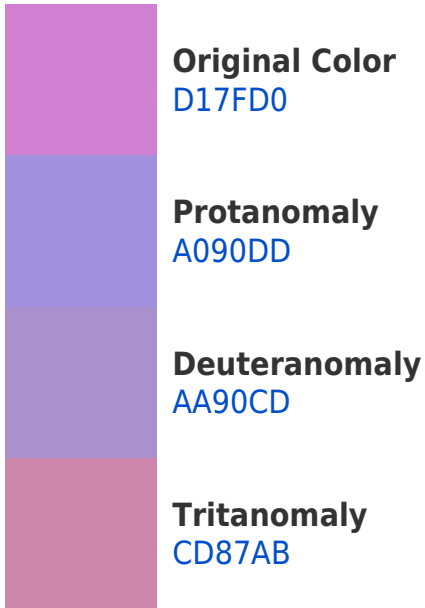
## Dichromacy



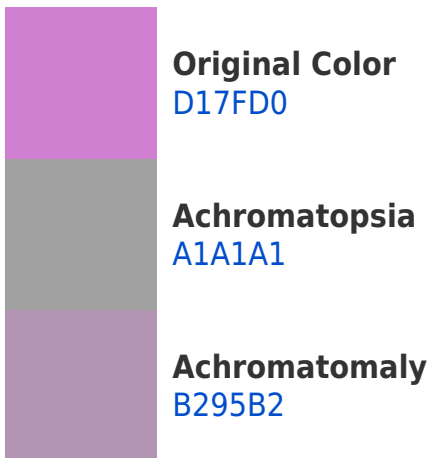


**Tritanopia**  
CA8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D17FD0 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 #D17FD0 looks like.

```
.text, #text, p{  
    color:#D17FD0  
}
```

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 #D17FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17FD0
}
```

## Border

The CSS property to change the border of an element to Hex D17FD0 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
#D17FD0 }
```

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

```
.border{ border-color:#D17FD0 }
```

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

Here you see how a box with a 4 pixel #D17FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17FD0; -webkit-box-shadow:4px 4px  
4px 4px #D17FD0; box-shadow:4px 4px 4px  
4px #D17FD0 }
```

# Background

The CSS property to change the background color of an element to Hex D17FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17FD0 }
```

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

```
.background{ background-color:#D17FD0 }
```

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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