

# Converting Colors

Hex(D87FB7)

Have a look what the booklet for  
Hex(D87FB7) contains.

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# **Color**

**Hex(D87FB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D87FB7
RGB	216, 127, 183
RGB Percent	85%, 50%, 72%
CMY	0.1529, 0.5020, 0.2824
CMYK	0.00, 0.41, 0.15, 0.15
HSL	322°, 53%, 67%
HSV	322°, 41%, 85%
XYZ	44.4555, 33.1966, 48.8643
YIQ	159.9950, 35.0680, 36.2840

# Conversions

## Conversions Part 2

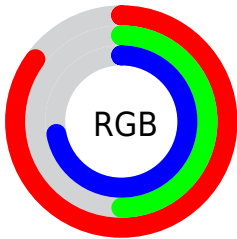
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 127, 183
Decimal	14188471
CIE Lab	64.32, 41.91, -14.64
CIE LCh	64, 44.397, 340.746
Yxy	33.1966, 0.3514, 0.2624
Android (android.graphics.Color)	4292378551 (0xFFD87FB7)
YUV	159.9950, 11.3415, 49.1164
Hunter-Lab	57.6165, 36.8976, -9.9521

# Details

The Hex color **D87FB7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7FD8A0**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB5EF**, and **9F4B82** is the 20% darker color. If you saturate the color by 10%, you get **D869AF**, and if you desaturate by 10%, it is **D895BF**.

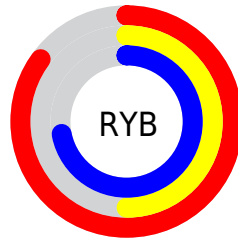
# Distribution



Red (85%)

Green (50%)

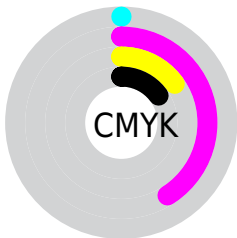
Blue (72%)



Red (85%)

Yellow (50%)

Blue (72%)

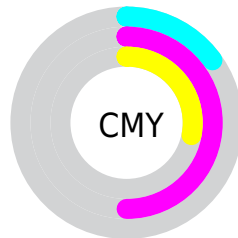


Cyan (0%)

Magenta (41%)

Yellow (15%)

Black (15%)



Cyan (15%)

Magenta (50%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D87FB7 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 D87FB7 by changing the saturation by 10% instead.



 D87FB7

 D87FB7

FFFFFF

 BB659C

 FFB5EF

 9F4B82

 FFD2FF

 843169

 FFE0FF

 691651

 4F003A

 370024

 1D000C

 000000

 D87FB7

 D87FB7

 D869AF

 D895BF

 D854A7

 D8AAC7

 D83E9F

 D8C0CF

 D82997

 D8D5D7

 D8138F

 D8EBDF

 D80088

 D8FFE7

 D8FFE7

 D8FFF7

 D8FFFF

# Harmonies

## Analogous

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



B28CD8



D87FB7



E77B8F

# Triad

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



D87FB7



A69E4C



00AECF

# Complementary

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



D87FB7



7FD8A0

# 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.



00B0A9



D87FB7



7BA85E

# Square

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



D87FB7



C99151



42AE80



00A7E6

# Rectangle

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



D87FB7



E57F76



42AE80



00AFC3



# Sweetspot

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



D87FB7



FFE0F4



A07FD8



806E79



000000



808080



# Same Dimension

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



D87FB7



FF82D1



D87F8B



6B6067



AB006C



2B001B



# Inverse Universe

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



D87FB7



FF82D1



7FD8CC



6B6067



AB006C



2B001B



# Previews

## White Background



This preview shows how the Hex color D87FB7 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 D87FB7 Background



This preview shows how black text looks on a background with the Hex color D87FB7.

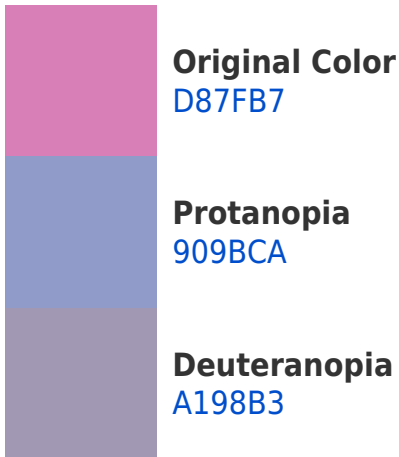



This preview shows how white text looks on a background with the Hex color D87FB7.

# 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**  
D48691

# Trichromacy



**Original Color**  
D87FB7



**Protanomaly**  
AA91C3



**Deuteranomaly**  
B58FB4

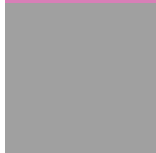


**Tritanomaly**  
D5839F

# Monochromacy



**Original Color**  
D87FB7



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
B494A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D87FB7 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 #D87FB7 looks like.

```
.text, #text, p{  
    color:#D87FB7  
}
```

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 #D87FB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D87FB7
}
```

## Border

The CSS property to change the border of an element to Hex D87FB7 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
#D87FB7 }
```

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

```
.border{ border-color:#D87FB7 }
```

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

Here you see how a box with a 4 pixel #D87FB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D87FB7; -webkit-box-shadow:4px 4px  
4px 4px #D87FB7; box-shadow:4px 4px 4px  
4px #D87FB7 }
```

# Background

The CSS property to change the background color of an element to Hex D87FB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D87FB7 }
```

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

```
.background{ background-color:#D87FB7 }
```

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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