

# Converting Colors

Hex(D786AD)

Have a look what the booklet for  
Hex(D786AD) contains.

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# **Color**

**Hex(D786AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D786AD
RGB	215, 134, 173
RGB Percent	84%, 53%, 68%
CMY	0.1569, 0.4745, 0.3216
CMYK	0.00, 0.38, 0.20, 0.16
HSL	331°, 50%, 68%
HSV	331°, 38%, 84%
XYZ	44.0923, 34.5144, 43.8732
YIQ	162.6650, 35.7570, 29.3010

# Conversions

## Conversions Part 2

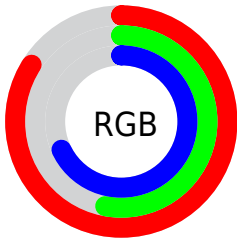
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 134, 173
Decimal	14124717
CIE <sub>Lab</sub>	65.37, 36.33, -7.43
CIE <sub>LCh</sub>	65, 37.084, 348.442
Yxy	34.5144, 0.3600, 0.2818
Android (android.graphics.Color)	4292314797 (0xFFD786AD)
YUV	162.6650, 5.0952, 45.8978
Hunter-Lab	58.7490, 31.1571, -3.1530

# Details

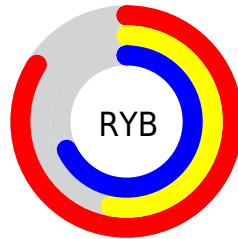
The Hex color **D786AD** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86D7B0**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBCE4**, and **9F5279** is the 20% darker color. If you saturate the color by 10%, you get **D771A2**, and if you desaturate by 10%, it is **D79CB8**.

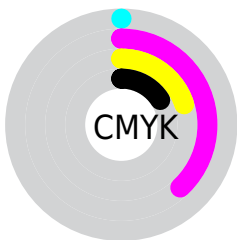
# Distribution



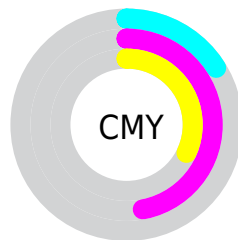
- Red (84%)
- Green (53%)
- Blue (68%)



- Red (84%)
- Yellow (53%)
- Blue (68%)



- Cyan (0%)
- Magenta (38%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (47%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D786AD 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 D786AD by changing the saturation by 10% instead.



 D786AD

 D786AD

FFFFFF

 BA6C92

 FFBC E4

 9F5279

 FFD9FF

 833A60

 FFF5FF

 692148

 4F0432

 36001D

 1E0001

 000000

 D786AD

 D786AD

 D771A2

 D79CB8

 D75B97

 D7B1C3

 D7468C

 D7C7CE

 D73080

 D7DCDA

 D71B75

 D7F2E5

 D7056A

 D7FFF0

 D70068

 D7FFFB

 D7FFFF

# Harmonies

## Analogous

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



BC8FCB



D786AD



DF858B

# Triad

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



D786AD



A0A35E



07ADCF

# Complementary

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



D786AD



86D7B0

# 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.



10B0B3



D786AD



7AAB71

# Square

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



D786AD



C0985D



4EB090



56A6DF

# Rectangle

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



D786AD



DB8A77



4EB090



00AFC7



# Sweetspot

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



D786AD



FFE3F0



B086D7



806F77



000000



808080



# Same Dimension

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



D786AD



FF8CC4



D78786



6B6066



AB0052



2B0015



# Inverse Universe

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



D786AD



FF8CC4



86D6D7



6B6066



AB0052



2B0015



# Previews

## White Background



This preview shows how the Hex color D786AD looks on a white background.

## Color Contrast Check

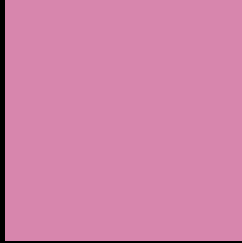
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D786AD looks on a 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 D786AD Background



This preview shows how black text looks on a background with the Hex color D786AD.

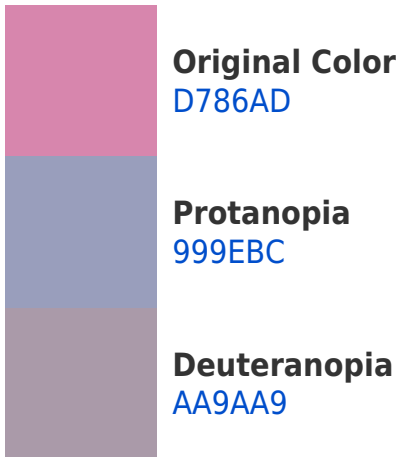



This preview shows how white text looks on a background with the Hex color D786AD.

# 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**  
D48A95

# Trichromacy



**Original Color**  
D786AD



**Protanomaly**  
B095B7



**Deuteranomaly**  
BA93AA

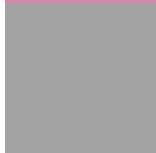


**Tritanomaly**  
D5899E

# Monochromacy



**Original Color**  
D786AD



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
B698A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D786AD 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 #D786AD looks like.

```
.text, #text, p{  
    color:#D786AD  
}
```

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 #D786AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D786AD
}
```

## Border

The CSS property to change the border of an element to Hex D786AD 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
#D786AD }
```

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

```
.border{ border-color:#D786AD }
```

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

Here you see how a box with a 4 pixel #D786AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D786AD; -webkit-box-shadow:4px 4px  
4px 4px #D786AD; box-shadow:4px 4px 4px  
4px #D786AD }
```

# Background

The CSS property to change the background color of an element to Hex D786AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D786AD }
```

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

```
.background{ background-color:#D786AD }
```

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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