

# Converting Colors

Hex(D783B0)

Have a look what the booklet for  
Hex(D783B0) contains.

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# **Color**

**Hex(D783B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D783B0
RGB	215, 131, 176
RGB Percent	84%, 51%, 69%
CMY	0.1569, 0.4863, 0.3098
CMYK	0.00, 0.39, 0.18, 0.16
HSL	328°, 51%, 68%
HSV	328°, 39%, 84%
XYZ	43.9771, 33.8143, 45.2833
YIQ	161.2460, 35.6190, 31.8030

# Conversions

## Conversions Part 2

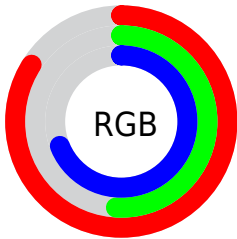
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 131, 176
Decimal	14123952
CIE <sub>Lab</sub>	64.81, 38.38, -9.95
CIE <sub>LCh</sub>	65, 39.652, 345.465
Yxy	33.8143, 0.3573, 0.2747
Android (android.graphics.Color)	4292314032 (0xFFD783B0)
YUV	161.2460, 7.2737, 47.1423
Hunter-Lab	58.1500, 33.2316, -5.4660

# Details

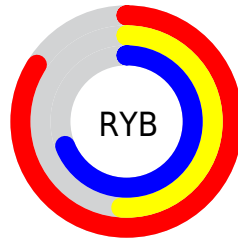
The Hex color **D783B0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **83D7AA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB9E8**, and **9F4F7B** is the 20% darker color. If you saturate the color by 10%, you get **D76EA6**, and if you desaturate by 10%, it is **D799BA**.

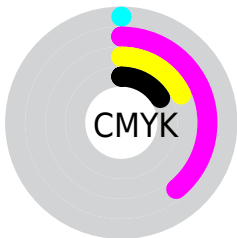
# Distribution



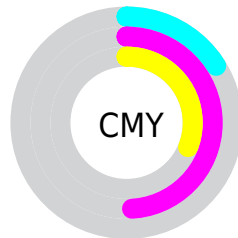
- Red (84%)
- Green (51%)
- Blue (69%)



- Red (84%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (39%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (49%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D783B0 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 D783B0 by changing the saturation by 10% instead.



 D783B0

 D783B0

FFFFFF

 BA6995

 FFB9E8

 9F4F7B

 FFD5FF

 833663

 FFF2FF

 691D4B

 4F0034

 36001F

 1D0003

 000000

 D783B0

 D783B0

 D76EA6

 D799BA

 D7589C

 D7AEC4

 D74292

 D7C3CE

 D72D88

 D7D9D8

 D7177E

 D7EEE2

 D70274

 D7FFEC

 D70073

 D7FFF6

 D7FFFF

# Harmonies

## Analogous

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



B88DCF



D783B0



E2818C

# Triad

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



D783B0



A2A157



00ADCF

# Complementary

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



D783B0



83D7AA

# 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.



00B0AF



D783B0



7AAA6A

# Square

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



D783B0



C39558



49AF8A



42A6E1

# Rectangle

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



D783B0



DE8676



49AF8A



00AEC5



# Sweetspot

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



D783B0



FFE0F1



A983D7



806E77



000000



808080



# Same Dimension

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



D783B0



FF87C7



D78387



6B6066



AB005C



2B0017



# Inverse Universe

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



D783B0



FF87C7



83D7D3



6B6066



AB005C

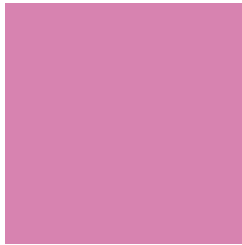


2B0017



# Previews

## White Background



This preview shows how the Hex color D783B0 looks on a white background.

## Color Contrast Check

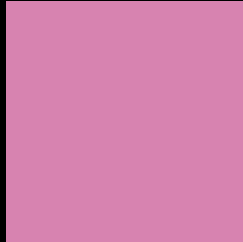
Large Text (above 18pt) WCAG AA × Fail

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 D783B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

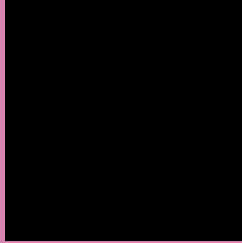
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D783B0 Background



This preview shows how black text looks on a background with the Hex color D783B0.

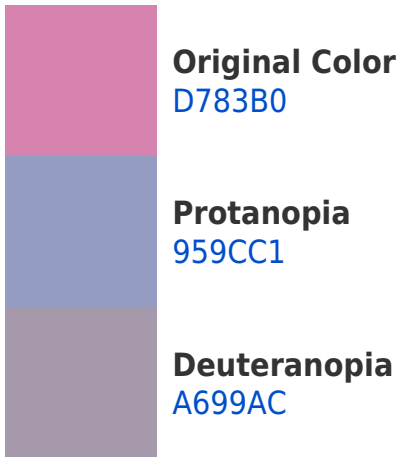



This preview shows how white text looks on a background with the Hex color D783B0.

# 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](#).

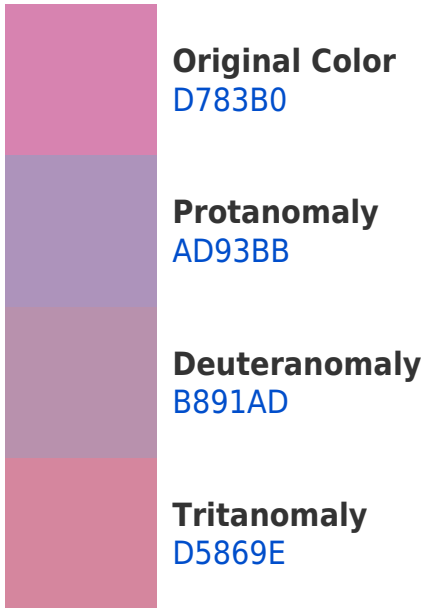
## Dichromacy



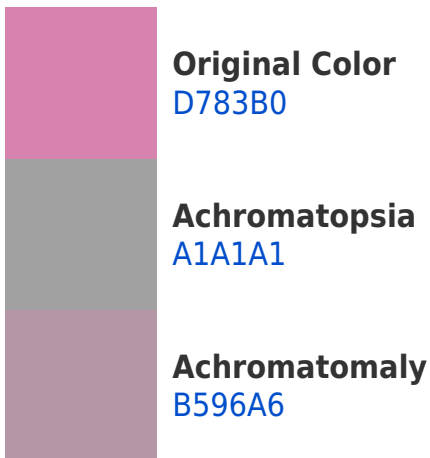


**Tritanopia**  
D48893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D783B0 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 #D783B0 looks like.

```
.text, #text, p{  
    color:#D783B0  
}
```

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 #D783B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D783B0
}
```

## Border

The CSS property to change the border of an element to Hex D783B0 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
#D783B0 }
```

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

```
.border{ border-color:#D783B0 }
```

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

Here you see how a box with a 4 pixel #D783B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D783B0; -webkit-box-shadow:4px 4px  
4px 4px #D783B0; box-shadow:4px 4px 4px  
4px #D783B0 }
```

# Background

The CSS property to change the background color of an element to Hex D783B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D783B0 }
```

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

```
.background{ background-color:#D783B0 }
```

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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