

# Converting Colors

Hex(D687C3)

Have a look what the booklet for  
Hex(D687C3) contains.

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# **Color**

**Hex(D687C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D687C3
RGB	214, 135, 195
RGB Percent	84%, 53%, 76%
CMY	0.1608, 0.4706, 0.2353
CMYK	0.00, 0.37, 0.09, 0.16
HSL	314°, 49%, 68%
HSV	314°, 37%, 84%
XYZ	46.2459, 35.5642, 56.0569
YIQ	165.4610, 27.8240, 35.4080

# Conversions

## Conversions Part 2

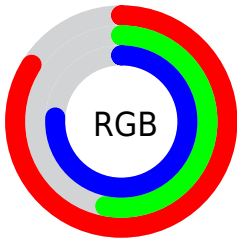
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">214, 135, 195</a>
Decimal	<a href="#">14059459</a>
CIELab	<a href="#">66.19, 39.01, -18.60</a>
CIELCh	<a href="#">66, 43.218, 334.515</a>
Yxy	<a href="#">35.5642, 0.3354, 0.2580</a>
Android (android.graphics.Color)	<a href="#">4292249539 (0xFFD687C3)</a>
YUV	<a href="#">165.4610, 14.5627, 42.5687</a>
Hunter-Lab	<a href="#">59.6357, 34.0592, -13.9869</a>

# Details

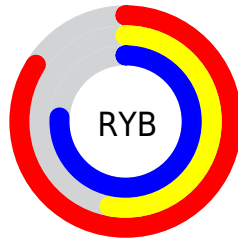
The Hex color **D687C3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87D69A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFBEFC**, and **9E538D** is the 20% darker color. If you saturate the color by 10%, you get **D672BE**, and if you desaturate by 10%, it is **D69CC8**.

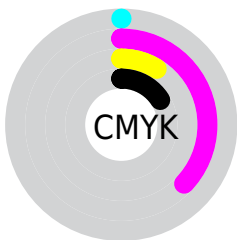
# Distribution



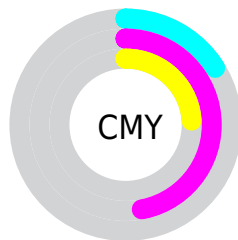
- Red (84%)
- Green (53%)
- Blue (76%)



- Red (84%)
- Yellow (53%)
- Blue (76%)



- Cyan (0%)
- Magenta (37%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (47%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D687C3 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 D687C3 by changing the saturation by 10% instead.



 D687C3

 D687C3

FFFFFF

 BA6DA8

 FFBEFC

 9E538D

 FFDAFF

 833A74

 FFF7FF

 68215B

 4F0343

 36002D

 1F0018

 000000

 D687C3

 D687C3

 D672BE

 D69CC8

 D65CB9

 D6B2CD

 D647B4

 D6C7D2

 D631AE

 D6DDD8

 D61CA9

 D6F2DD

 D607A4

 D6FFE2

 D600A3

 D6FFE7

 D6FFEC

 D6FFF1

# Harmonies

## Analogous

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



AC95E1



D687C3



EA819C

# Triad

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



D687C3



B3A152



00B4CC

# Complementary

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



D687C3



87D69A

# 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.



00B5A6



D687C3



8AAB5F

# Square

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



D687C3



D4935B



58B27E



00AEE6

# Rectangle

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



D687C3



EB8383



58B27E



00B5C0



# Sweetspot

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



D687C3



FFE3F8



9987D6



806F7C



000000



808080



# Same Dimension

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



D687C3



FF8FE4



D6879C



6B6069



AB0082



2B0021



# Inverse Universe

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



D687C3



FF8FE4



87D6C1



6B6069



AB0082



2B0021



# Previews

## White Background



This preview shows how the Hex color D687C3 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 D687C3 Background



This preview shows how black text looks on a background with the Hex color D687C3.

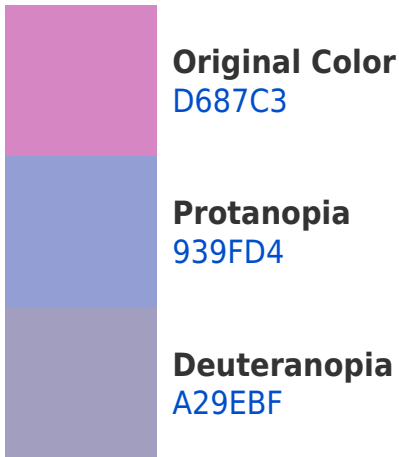


This preview shows how white text looks on a background with the Hex color D687C3.

# 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**  
D18F9A

# Trichromacy



**Original Color**  
D687C3



**Protanomaly**  
AB96CE



**Deuteranomaly**  
B596C0

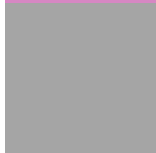


**Tritanomaly**  
D38CA9

# Monochromacy



**Original Color**  
D687C3



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
B79AB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D687C3 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 #D687C3 looks like.

```
.text, #text, p{  
    color:#D687C3  
}
```

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 #D687C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D687C3
}
```

## Border

The CSS property to change the border of an element to Hex D687C3 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
#D687C3 }
```

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

```
.border{ border-color:#D687C3 }
```

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

Here you see how a box with a 4 pixel #D687C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D687C3; -webkit-box-shadow:4px 4px  
4px 4px #D687C3; box-shadow:4px 4px 4px  
4px #D687C3 }
```

# Background

The CSS property to change the background color of an element to Hex D687C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D687C3 }
```

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

```
.background{ background-color:#D687C3 }
```

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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