

# Converting Colors

Hex(D597D3)

Have a look what the booklet for  
Hex(D597D3) contains.

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# **Color**

**Hex(D597D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D597D3
RGB	213, 151, 211
RGB Percent	84%, 59%, 83%
CMY	0.1647, 0.4078, 0.1725
CMYK	0.00, 0.29, 0.01, 0.16
HSL	302°, 42%, 71%
HSV	302°, 29%, 84%
XYZ	50.2651, 40.9825, 66.8892
YIQ	176.3780, 17.6920, 31.8040

# Conversions

## Conversions Part 2

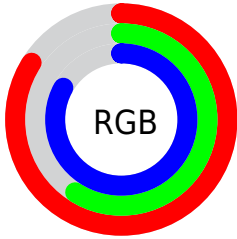
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 151, 211
Decimal	13998035
CIE Lab	70.16, 32.94, -21.46
CIE LCh	70, 39.317, 326.919
Yxy	40.9825, 0.3179, 0.2592
Android (android.graphics.Color)	4292188115 (0xFFD597D3)
YUV	176.3780, 17.0686, 32.1175
Hunter-Lab	64.0176, 28.1231, -17.1372

# Details

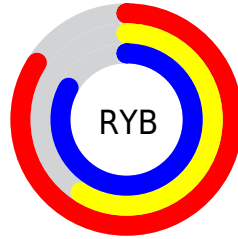
The Hex color **D597D3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **97D599**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFCEFF**, and **9D639C** is the 20% darker color. If you saturate the color by 10%, you get **D582D2**, and if you desaturate by 10%, it is **D5ACD4**.

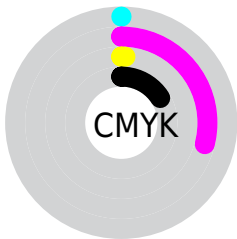
# Distribution



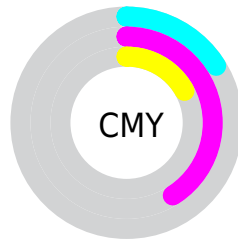
- Red (84%)
- Green (59%)
- Blue (83%)



- Red (84%)
- Yellow (59%)
- Blue (83%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D597D3 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 D597D3 by changing the saturation by 10% instead.



 D597D3

 D597D3

FFFFFF

 B97DB7

 FFCEFF

 9D639C

 FFEAFF

 834A82

 693269

 501A51

 370139

 250024

 00000B

 000000

 D597D3

 D597D3

 D582D2

 D5ACD4

 D56CD2

 D5C2D4

 D557D1

 D5D7D5

 D542D0

 D5ECD6

 D52DD0

 D5FFD6

 D517CF

 D5FFD7

 D502CE

 D5FFD8

 D500CE

 D5FFD9

# Harmonies

## Analogous

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



AAA4EB



D597D3



ED90B1

# Triad

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



D597D3



C6A864



00BECB

# Complementary

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



D597D3



97D599

# 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.



45BEA6



D597D3



A2B36A

# Square

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



D597D3



E29C71



77BB83



27B9E6

# Rectangle

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



D597D3



F19098



77BB83



17BEBF



# Sweetspot

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



D597D3



FFE8FE



9897D5



80717F



000000



808080



# Same Dimension

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



D597D3



FFA6FC



D597B5



6B606B



AB00A5



2B002A



# Inverse Universe

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



D597D3



FFA6FC



97D5B7



6B606B



AB00A5

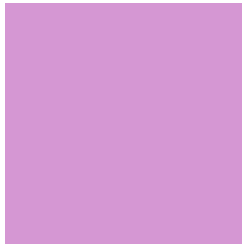


2B002A



# Previews

## White Background



This preview shows how the Hex color D597D3 looks on a white background.

## Color Contrast Check

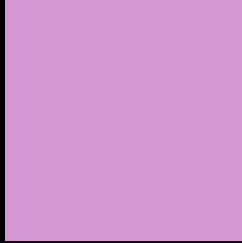
Large Text (above 18pt) WCAG AA × Fail

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 D597D3 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 D597D3 Background



This preview shows how black text looks on a background with the Hex color D597D3.

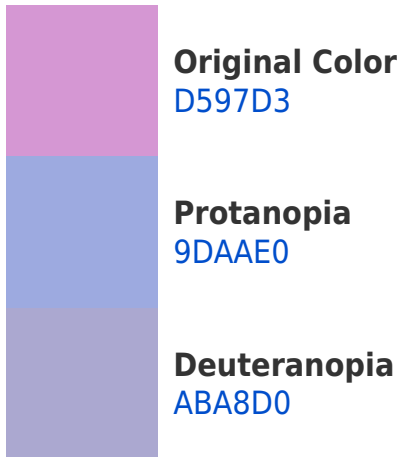


This preview shows how white text looks on a background with the Hex color D597D3.

# 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**  
D09FAB

# Trichromacy



**Original Color**  
D597D3



**Protanomaly**  
B1A3DB



**Deuteranomaly**  
BAA2D1

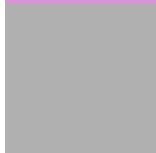


**Tritanomaly**  
D29CBA

# Monochromacy



**Original Color**  
D597D3



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
BDA7BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D597D3 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 #D597D3 looks like.

```
.text, #text, p{  
    color:#D597D3  
}
```

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 #D597D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D597D3
}
```

## Border

The CSS property to change the border of an element to Hex D597D3 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
#D597D3 }
```

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

```
.border{ border-color:#D597D3 }
```

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

Here you see how a box with a 4 pixel #D597D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D597D3; -webkit-box-shadow:4px 4px  
4px 4px #D597D3; box-shadow:4px 4px 4px  
4px #D597D3 }
```

# Background

The CSS property to change the background color of an element to Hex D597D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D597D3 }
```

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

```
.background{ background-color:#D597D3 }
```

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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