

# Converting Colors

Hex(D37D9F)

Have a look what the booklet for  
Hex(D37D9F) contains.

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# Color

Hex(D37D9F)

# Conversions

## Conversions Part 1

Format	Color
Hex	D37D9F
RGB	211, 125, 159
RGB Percent	83%, 49%, 62%
CMY	0.1725, 0.5098, 0.3765
CMYK	0.00, 0.41, 0.25, 0.17
HSL	336°, 49%, 66%
HSV	336°, 41%, 83%
XYZ	40.4556, 31.0193, 36.6560
YIQ	154.5900, 40.3420, 28.8060

# Conversions

## Conversions Part 2

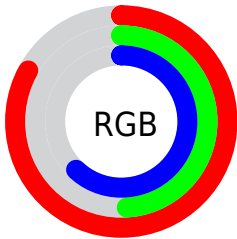
Format	Color
R <sub>Y</sub> B	211, 125, 159
Decimal	13860255
CIE Lab	62.52, 37.65, -3.75
CIE LCh	63, 37.832, 354.319
Yxy	31.0193, 0.3741, 0.2869
Android (android.graphics.Color)	4292050335 (0xFFD37D9F)
YUV	154.5900, 2.1741, 49.4716
Hunter-Lab	55.6950, 32.1922, -0.0356

# Details

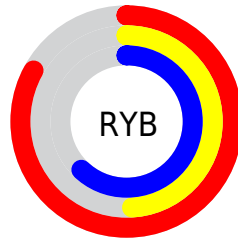
The Hex color **D37D9F** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DD3B1**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB3D6**, and **9A4A6C** is the 20% darker color. If you saturate the color by 10%, you get **D36892**, and if you desaturate by 10%, it is **D392AC**.

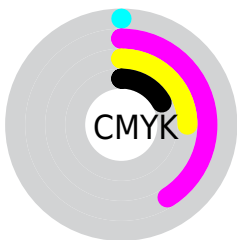
# Distribution



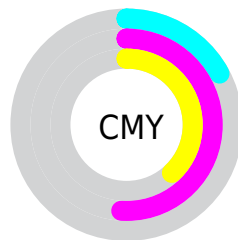
- Red (83%)
- Green (49%)
- Blue (62%)



- Red (83%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D37D9F 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 D37D9F by changing the saturation by 10% instead.



 D37D9F

 D37D9F

FFFFFF

 B66385

 FFB3D6

 9A4A6C

 FFCFF2

 7F3153

 FFECFF

 64173C

 4A0027

 330012

 0E0000

 000000

 D37D9F

 D37D9F

 D36892

 D392AC

 D35385

 D3A7B9

 D33E79

 D3BCC5

 D3296C

 D3D1D2

 D3145F

 D3E6DF

 D30053

 D3FCEC

 D3FFF8

 D3FFFF

# Harmonies

## Analogous

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



BB85BF



D37D9F



D87E7D

# Triad

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



D37D9F



919E59



00A5CD

# Complementary

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



D37D9F



7DD3B1

# 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.



00A9B2



D37D9F



69A56F

# Square

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



D37D9F



B29354



38A98F



579DDA

# Rectangle

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



D37D9F



D1846A



38A98F



00A6C5



# Sweetspot

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



D37D9F



FFE0EC



B17DD3



806E75



000000



808080



# Same Dimension

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



D37D9F



FF82B3



D3867D



695E62



A80043



290010



# Inverse Universe

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



D37D9F



FF82B3



7DCAD3



695E62



A80043

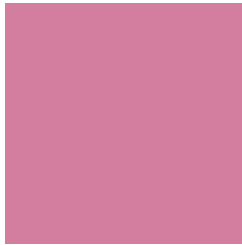


290010



# Previews

## White Background



This preview shows how the Hex color D37D9F looks on a white background.

## Color Contrast Check

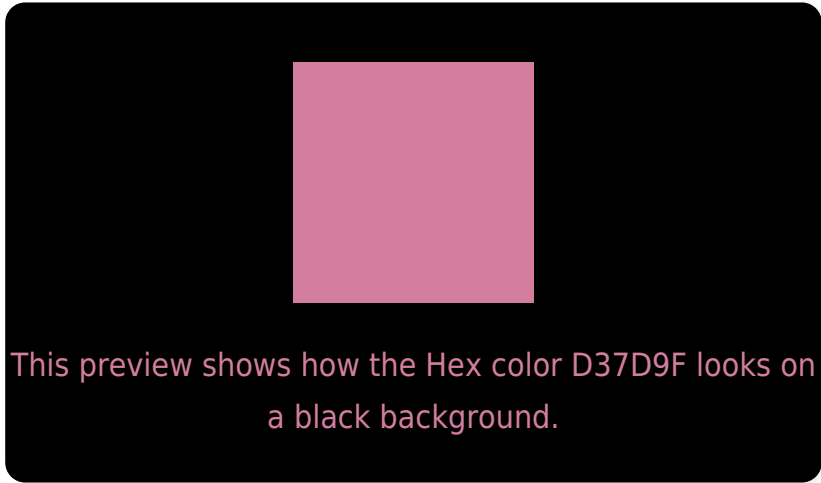
Large Text (above 18pt) WCAG AA × Fail

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 D37D9F Background



This preview shows how black text looks on a background with the Hex color D37D9F.




This preview shows how white text looks on a background with the Hex color D37D9F.

# 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](#).

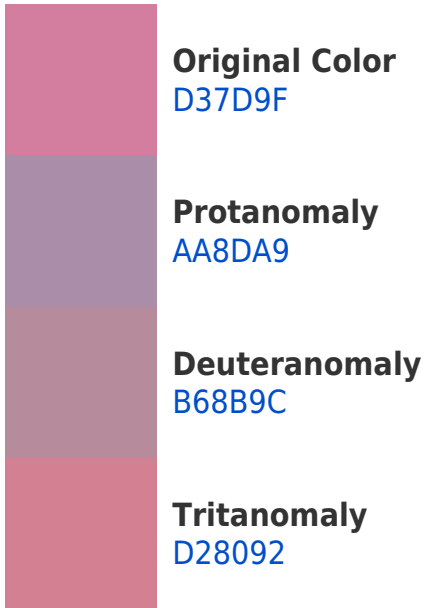
## Dichromacy





**Tritanopia**  
D1818A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D37D9F 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 #D37D9F looks like.

```
.text, #text, p{  
    color:#D37D9F  
}
```

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 #D37D9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37D9F
}
```

## Border

The CSS property to change the border of an element to Hex D37D9F 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
#D37D9F }
```

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

```
.border{ border-color:#D37D9F }
```

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

Here you see how a box with a 4 pixel #D37D9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37D9F; -webkit-box-shadow:4px 4px  
4px 4px #D37D9F; box-shadow:4px 4px 4px  
4px #D37D9F }
```

# Background

The CSS property to change the background color of an element to Hex D37D9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37D9F }
```

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

```
.background{ background-color:#D37D9F }
```

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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