

# Converting Colors

Hex(D37AB0)

Have a look what the booklet for  
Hex(D37AB0) contains.

<b>Hex(D37AB0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D37AB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D37AB0
RGB	211, 122, 176
RGB Percent	83%, 48%, 69%
CMY	0.1725, 0.5216, 0.3098
CMYK	0.00, 0.42, 0.17, 0.17
HSL	324°, 50%, 65%
HSV	324°, 42%, 83%
XYZ	41.6600, 30.9025, 44.8434
YIQ	154.7670, 35.7100, 35.6620

# Conversions

## Conversions Part 2

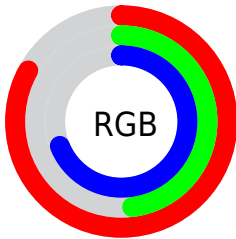
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">211, 122, 176</a>
Decimal	<a href="#">13859504</a>
CIELab	<a href="#">62.43, 41.77, -13.59</a>
CIElCh	<a href="#">62, 43.922, 341.981</a>
Yxy	<a href="#">30.9025, 0.3548, 0.2632</a>
Android (android.graphics.Color)	<a href="#">4292049584 (0xFFD37AB0)</a>
YUV	<a href="#">154.7670, 10.4679, 49.3163</a>
Hunter-Lab	<a href="#">55.5901, 36.4878, -8.9150</a>

# Details

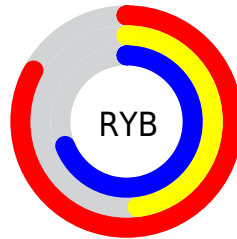
The Hex color **D37AB0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7AD39D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB0E8**, and **9B467B** is the 20% darker color. If you saturate the color by 10%, you get **D365A8**, and if you desaturate by 10%, it is **D38FB8**.

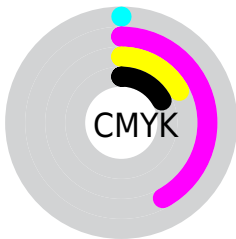
# Distribution



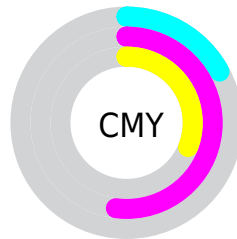
- Red (83%)
- Green (48%)
- Blue (69%)



- Red (83%)
- Yellow (48%)
- Blue (69%)



- Cyan (0%)
- Magenta (42%)
- Yellow (17%)
- Black (17%)



- Cyan (17%)
- Magenta (52%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D37AB0 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 D37AB0 by changing the saturation by 10% instead.



 D37AB0

 D37AB0

FFFFFF

 B66095

 FF0E8

 9B467B

 FFCCFF

 7F2D62

 FFE9FF

 65104B

 4B0034

 33001F

 140002

 000000

 D37AB0

 D37AB0

 D365A8

 D38FB8

 D3509F

 D3A4C1

 D33B97

 D3B9C9

 D3268F

 D3CED1

 D31187

 D3E4D9

 D30080

 D3F9E2

 D3FFEA

 D3FFF2

 D3FFFB

# Harmonies

## Analogous

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



AF87D1



D37AB0



E17789

# Triad

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



D37AB0



9F9A48



00A9CA

# Complementary

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



D37AB0



7AD39D

# 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.



00ABA6



D37AB0



75A45B

# Square

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



D37AB0



C28C4C



3BA97D



00A2E0

# Rectangle

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



D37AB0



DE7B70



3BA97D



00AABF



# Sweetspot

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



D37AB0



FFDEF2



9C7AD3



806B77



000000



808080



# Same Dimension

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



D37AB0



FF7DCC



D37A84



695E64



A80066



290019



# Inverse Universe

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



D37AB0



FF7DCC



7AD3C9



695E64



A80066



290019



# Previews

## White Background



This preview shows how the Hex color D37AB0 looks on a white background.

## Color Contrast Check

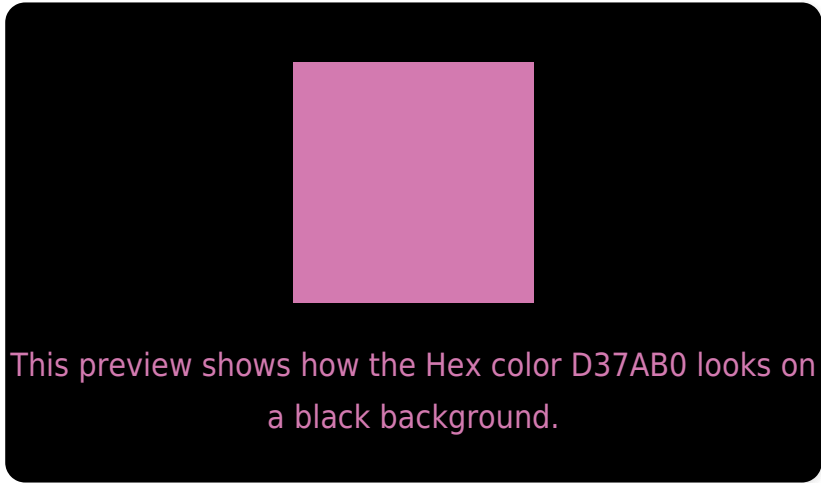
Large Text (above 18pt) WCAG AA × Fail

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 D37AB0 Background



This preview shows how black text looks on a background with the Hex color D37AB0.

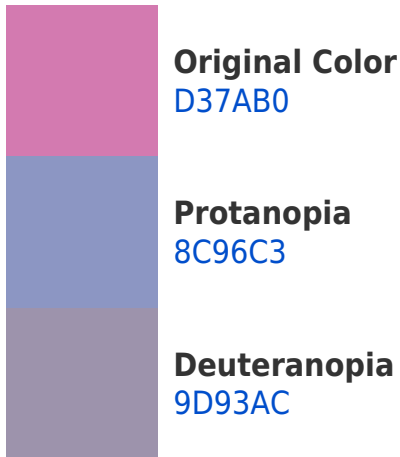


This preview shows how white text looks on a background with the Hex color D37AB0.

# 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](#).

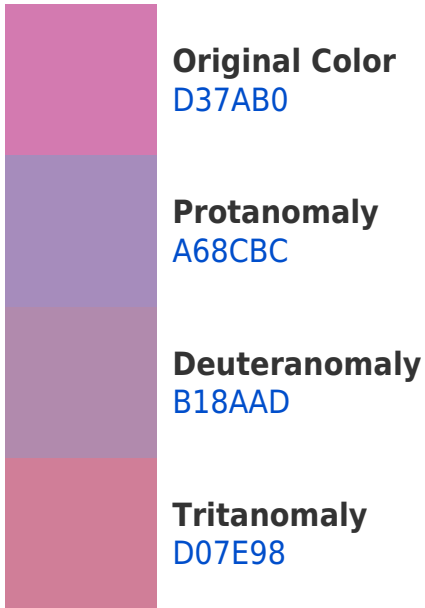
## Dichromacy



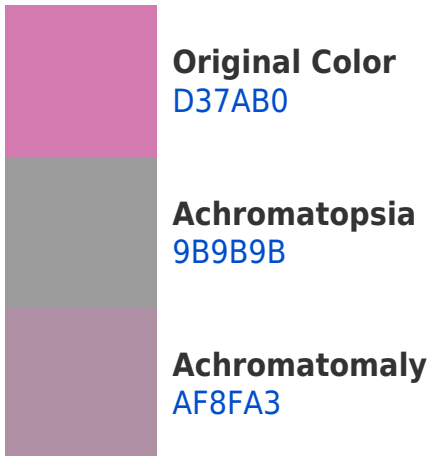


**Tritanopia**  
CF818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D37AB0 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 #D37AB0 looks like.

```
.text, #text, p{  
    color:#D37AB0  
}
```

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 #D37AB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37AB0  
}
```

## Border

The CSS property to change the border of an element to Hex D37AB0 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  
#D37AB0 }
```

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

```
.border{ border-color:#D37AB0 }
```

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

Here you see how a box with a 4 pixel #D37AB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37AB0; -webkit-box-shadow:4px 4px  
4px 4px #D37AB0; box-shadow:4px 4px 4px  
4px #D37AB0 }
```

# Background

The CSS property to change the background color of an element to Hex D37AB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37AB0 }
```

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

```
.background{ background-color:#D37AB0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor