

# Converting Colors

Hex(D37DB3)

Have a look what the booklet for  
Hex(D37DB3) contains.

<b>Hex(D37DB3)</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(D37DB3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D37DB3
RGB	211, 125, 179
RGB Percent	83%, 49%, 70%
CMY	0.1725, 0.5098, 0.2980
CMYK	0.00, 0.41, 0.15, 0.17
HSL	322°, 49%, 66%
HSV	322°, 41%, 83%
XYZ	42.3343, 31.7708, 46.5489
YIQ	156.8700, 33.9220, 35.0260

# Conversions

## Conversions Part 2

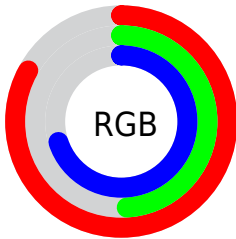
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">211, 125, 179</a>
Decimal	<a href="#">13860275</a>
CIELab	<a href="#">63.15, 40.67, -14.19</a>
CIELCh	<a href="#">63, 43.075, 340.760</a>
Yxy	<a href="#">31.7708, 0.3509, 0.2633</a>
Android (android.graphics.Color)	<a href="#">4292050355 (0xFFD37DB3)</a>
YUV	<a href="#">156.8700, 10.9101, 47.4720</a>
Hunter-Lab	<a href="#">56.3656, 35.4255, -9.5081</a>

# Details

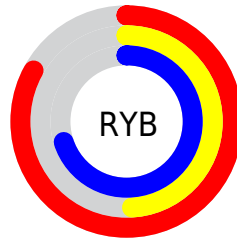
The Hex color **D37DB3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DD39D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB3EB**, and **9B497E** is the 20% darker color. If you saturate the color by 10%, you get **D368AB**, and if you desaturate by 10%, it is **D392BB**.

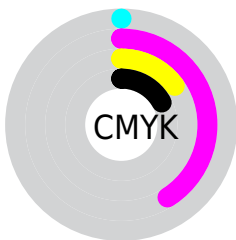
# Distribution



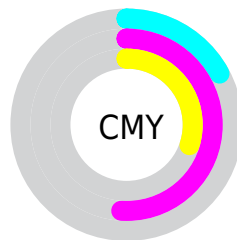
- Red (83%)
- Green (49%)
- Blue (70%)



- Red (83%)
- Yellow (49%)
- Blue (70%)



- Cyan (0%)
- Magenta (41%)
- Yellow (15%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D37DB3 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 D37DB3 by changing the saturation by 10% instead.



 D37DB3

 D37DB3

FFFFFF

 B76398

 FFB3EB

 9B497E

 FFCFFF

 803065

 FFECFF

 65154D

 4B0036

 330021

 160006

 000000

 D37DB3

 D37DB3

 D368AB

 D392BB

 D353A3

 D3A7C3

 D33E9B

 D3BCCB

 D32994

 D3D1D2

 D3148C

 D3E6DA

 D30084

 D3FCE2

 D3FFEA

 D3FFF2

 D3FFFA

# Harmonies

## Analogous

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



AE8AD3



D37DB3



E2798C

# Triad

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



D37DB3



A39B4B



00ABCA

# Complementary

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



D37DB3



7DD39D

# 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.



00ADA6



D37DB3



79A55D

# Square

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



D37DB3



C58E50



43AB7E



00A4E1

# Rectangle

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



D37DB3



E07D74



43AB7E



00ACBF



# Sweetspot

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



D37DB3



FFE0F4



9D7DD3



806E79



000000



808080



# Same Dimension

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



D37DB3



FF82D1



D37D88



695E65



A8006A



29001A



# Inverse Universe

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



D37DB3



FF82D1



7DD3C8



695E65



A8006A



29001A



# Previews

## White Background



This preview shows how the Hex color D37DB3 looks on a white background.

## Color Contrast Check

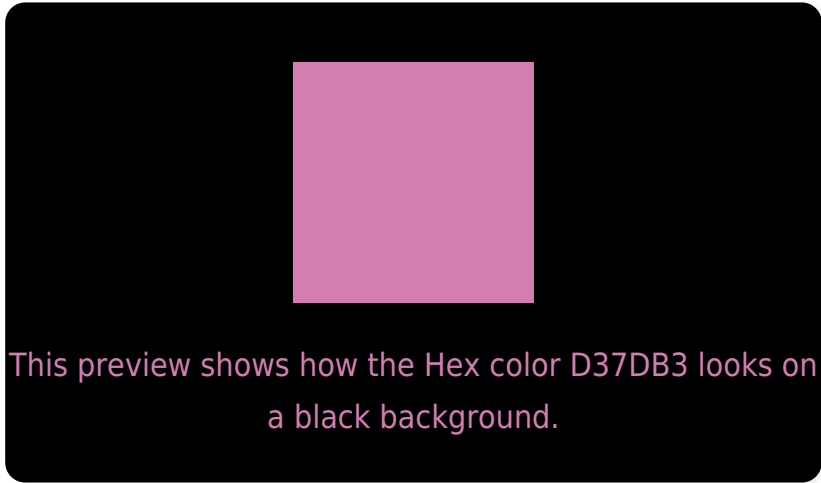
Large Text (above 18pt) WCAG AA × Fail

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 D37DB3 Background



This preview shows how black text looks on a background with the Hex color D37DB3.

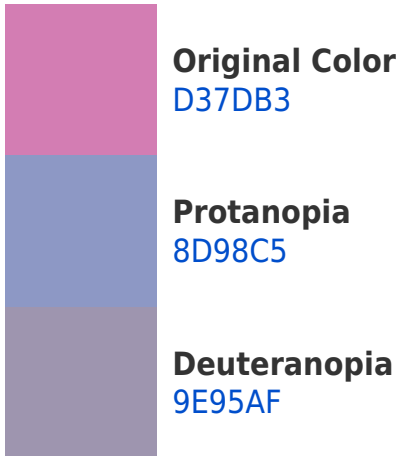


This preview shows how white text looks on a background with the Hex color D37DB3.

# 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



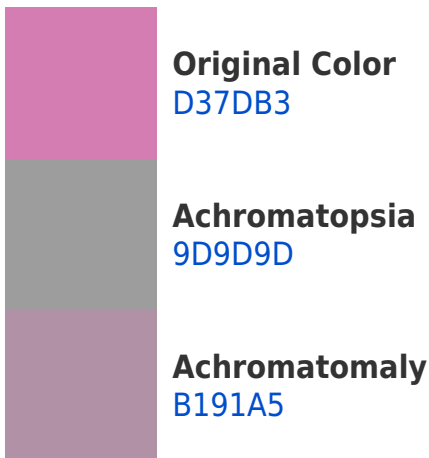


**Tritanopia**  
CF848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D37DB3 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 #D37DB3 looks like.

```
.text, #text, p{  
    color:#D37DB3  
}
```

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 #D37DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37DB3
}
```

## Border

The CSS property to change the border of an element to Hex D37DB3 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
#D37DB3 }
```

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

```
.border{ border-color:#D37DB3 }
```

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

Here you see how a box with a 4 pixel #D37DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37DB3; -webkit-box-shadow:4px 4px  
4px 4px #D37DB3; box-shadow:4px 4px 4px  
4px #D37DB3 }
```

# Background

The CSS property to change the background color of an element to Hex D37DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37DB3 }
```

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

```
.background{ background-color:#D37DB3 }
```

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