

# Converting Colors

Hex(C37DB9)

Have a look what the booklet for  
Hex(C37DB9) contains.

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# **Color**

**Hex(C37DB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C37DB9
RGB	195, 125, 185
RGB Percent	76%, 49%, 73%
CMY	0.2353, 0.5098, 0.2745
CMYK	0.00, 0.36, 0.05, 0.24
HSL	309°, 37%, 63%
HSV	309°, 36%, 76%
XYZ	38.5962, 29.7721, 49.6113
YIQ	152.7700, 22.4600, 33.5000

# Conversions

## Conversions Part 2

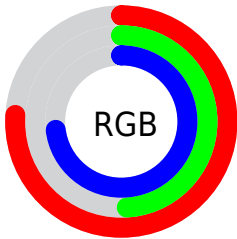
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 125, 185
Decimal	12811705
CIE Lab	61.46, 36.39, -20.35
CIE LCh	61, 41.697, 330.784
Yxy	29.7721, 0.3271, 0.2523
Android (android.graphics.Color)	4291001785 (0xFFC37DB9)
YUV	152.7700, 15.8894, 37.0357
Hunter-Lab	54.5638, 30.7770, -15.7138

# Details

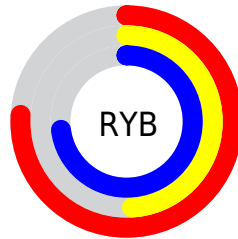
The Hex color **C37DB9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7DC387**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FDB3F1**, and **8C4A84** is the 20% darker color. If you saturate the color by 10%, you get **C36AB6**, and if you desaturate by 10%, it is **C391BC**.

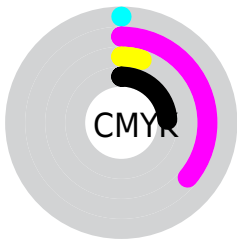
# Distribution



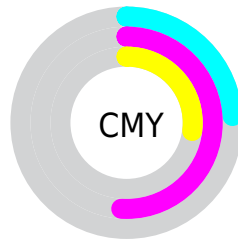
- Red (76%)
- Green (49%)
- Blue (73%)



- Red (76%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C37DB9 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 C37DB9 by changing the saturation by 10% instead.



 C37DB9

 C37DB9

FFFFFF

 A7639E

 FDB3F1

 8C4A84

 FFCFFF

 72326A

 FFE8FF

 581952

 3F003B

 2A0025

 00010D

 000000

 C37DB9

 C37DB9

 C36AB6

 C391BC

 C356B3

 C3A4BF

 C343B1

 C3B7C1

 C32FAE

 C3CBC4

 C31BAB

 C3DEC7

 C308A8

 C3F2CA

 C300A7

 C3FFCC

 C3FFCF

 C3FFD2

# Harmonies

## Analogous

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



998AD4



C37DB9



D87695

# Triad

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



C37DB9



AA9349



00A7B9

# Complementary

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



C37DB9



7DC387

# 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.



00A794



C37DB9



849D53

# Square

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



C37DB9



C88555



56A46F



00A2D4

# Rectangle

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



C37DB9



DB777C



56A46F



00A7AD



# Sweetspot

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



C37DB9



FCE1F8



867DC3



806F7D



000000



808080



# Same Dimension

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



C37DB9



FC90ED



C37D97



615760



A1008A



21001C



# Inverse Universe

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



C37DB9



FC90ED



7DC3A9



615760



A1008A

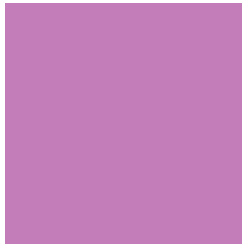


21001C



# Previews

## White Background



This preview shows how the Hex color C37DB9 looks on a white background.

## Color Contrast Check

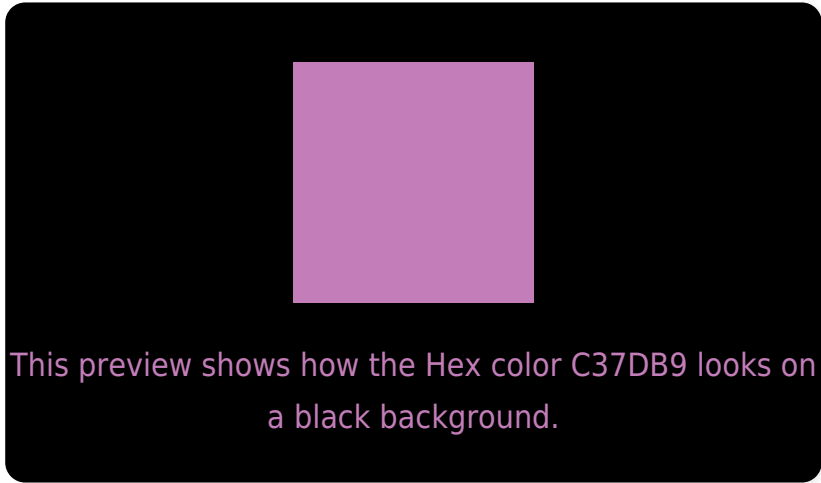
Large Text (above 18pt) WCAG AA ✓ Pass

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

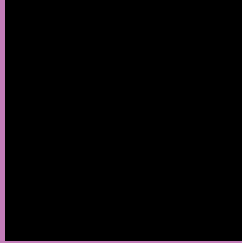
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C37DB9 Background



This preview shows how black text looks on a background with the Hex color C37DB9.

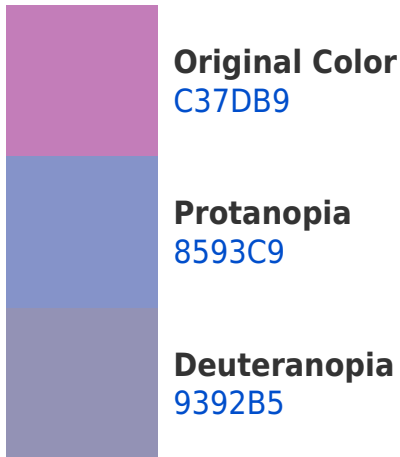



This preview shows how white text looks on a background with the Hex color C37DB9.

# 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](#).

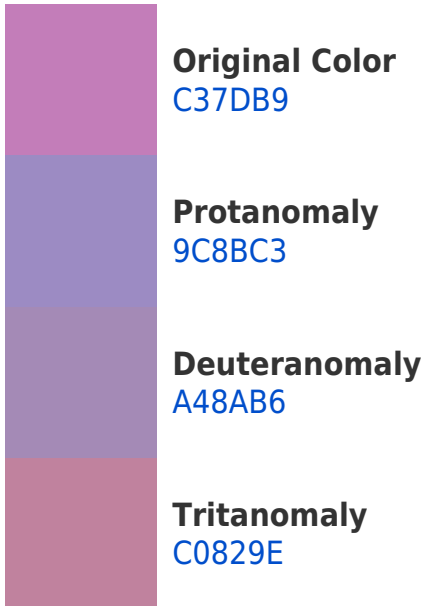
## Dichromacy



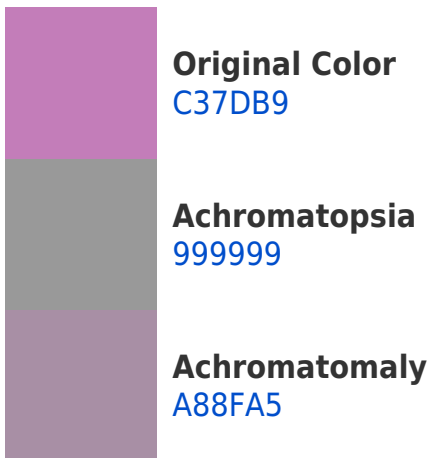


**Tritanopia**  
BE858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C37DB9 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 #C37DB9 looks like.

```
.text, #text, p{  
    color:#C37DB9  
}
```

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 #C37DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37DB9
}
```

## Border

The CSS property to change the border of an element to Hex C37DB9 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
#C37DB9 }
```

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

```
.border{ border-color:#C37DB9 }
```

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

Here you see how a box with a 4 pixel #C37DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37DB9; -webkit-box-shadow:4px 4px  
4px 4px #C37DB9; box-shadow:4px 4px 4px  
4px #C37DB9 }
```

# Background

The CSS property to change the background color of an element to Hex C37DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37DB9 }
```

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

```
.background{ background-color:#C37DB9 }
```

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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