

# Converting Colors

Hex(D37CCF)

Have a look what the booklet for  
Hex(D37CCF) contains.

<b>Hex(D37CCF)</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(D37CCF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D37CCF
RGB	211, 124, 207
RGB Percent	83%, 49%, 81%
CMY	0.1725, 0.5137, 0.1882
CMYK	0.00, 0.41, 0.02, 0.17
HSL	303°, 50%, 66%
HSV	303°, 41%, 83%
XYZ	45.3341, 32.7692, 62.9672
YIQ	159.4750, 25.2090, 44.2570

# Conversions

## Conversions Part 2

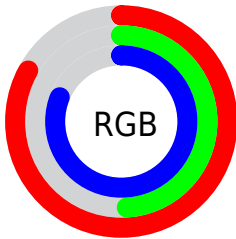
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 124, 207
Decimal	13860047
CIE <sub>Lab</sub>	63.97, 45.95, -28.74
CIE <sub>LCh</sub>	64, 54.196, 327.971
Yxy	32.7692, 0.3214, 0.2323
Android (android.graphics.Color)	4292050127 (0xFFD37CCF)
YUV	159.4750, 23.4298, 45.1874
Hunter-Lab	57.2444, 41.1836, -25.1463

# Details

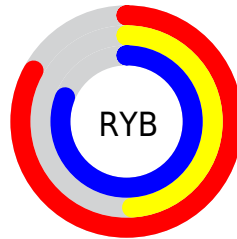
The Hex color **D37CCF** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CD380**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB2FF**, and **9B4898** is the 20% darker color. If you saturate the color by 10%, you get **D367CE**, and if you desaturate by 10%, it is **D391D0**.

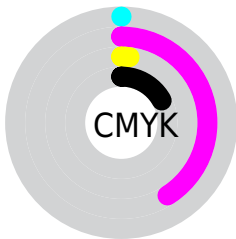
# Distribution



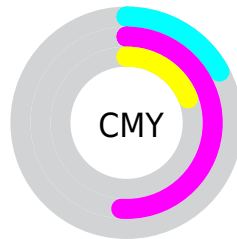
- Red (83%)
- Green (49%)
- Blue (81%)



- Red (83%)
- Yellow (49%)
- Blue (81%)



- Cyan (0%)
- Magenta (41%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D37CCF 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 D37CCF by changing the saturation by 10% instead.



 D37CCF

 D37CCF

FFFFFF

 B762B3

 FFB2FF

 9B4898

 FFCFFF

 7F2E7E

 FFE8FF

 651165

 4B004D

 330036

 180020

 000003

 000000

 D37CCF

 D37CCF

 D367CE

 D391D0

 D352CD

 D3A6D1

 D33DCC

 D3BBD2

 D328CB

 D3D0D3

 D312CA

 D3E6D4

 D300C9

 D3FBD5

 D3FFD6

 D3FFD7

 D3FFD8

# Harmonies

## Analogous

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



9790F1



D37CCF



F070A0

# Triad

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



D37CCF



B99735



00B2C7

# Complementary

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



D37CCF



7CD380

# 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.



00B396



D37CCF



89A640

# Square

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



D37CCF



DE8549



48AE65



00ADEC

# Rectangle

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



D37CCF



F47180



48AE65



00B3B7



# Sweetspot

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



D37CCF



FFE0FE



7F7CD3



806E7F



000000



808080



# Same Dimension

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



D37CCF



FF82F9



D37CA5



695E68



A800A1



290027



# Inverse Universe

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



D37CCF



FF82F9



7CD3AA



695E68



A800A1



290027



# Previews

## White Background



This preview shows how the Hex color D37CCF looks on a white background.

## Color Contrast Check

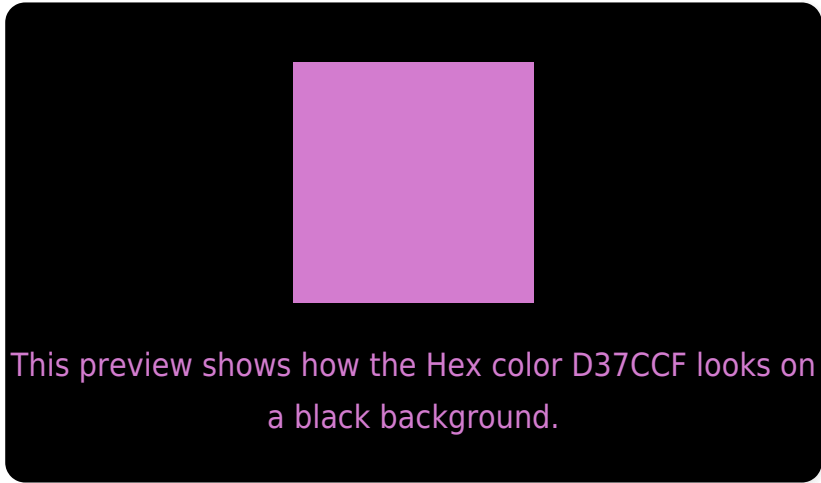
Large Text (above 18pt) WCAG AA × Fail

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

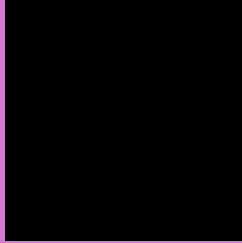
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D37CCF Background



This preview shows how black text looks on a background with the Hex color D37CCF.

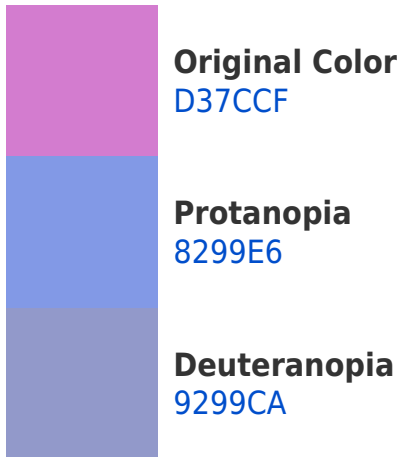



This preview shows how white text looks on a background with the Hex color D37CCF.

# 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](#).

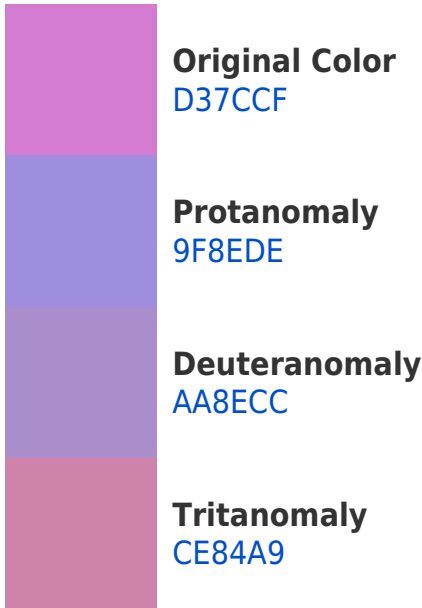
## Dichromacy



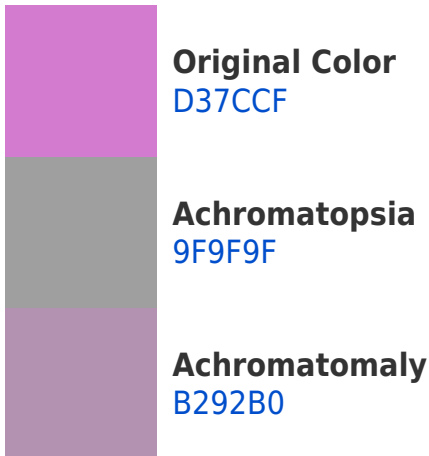


**Tritanopia**  
CB8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D37CCF 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 #D37CCF looks like.

```
.text, #text, p{  
    color:#D37CCF  
}
```

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 #D37CCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37CCF
}
```

## Border

The CSS property to change the border of an element to Hex D37CCF 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
#D37CCF }
```

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

```
.border{ border-color:#D37CCF }
```

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

Here you see how a box with a 4 pixel #D37CCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37CCF; -webkit-box-shadow:4px 4px  
4px 4px #D37CCF; box-shadow:4px 4px 4px  
4px #D37CCF }
```

# Background

The CSS property to change the background color of an element to Hex D37CCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37CCF }
```

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

```
.background{ background-color:#D37CCF }
```

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