

Converting Colors

Hex(D37CE9)

Have a look what the booklet for
Hex(D37CE9) contains.

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Color

Hex(D37CE9)

Conversions

Conversions Part 1

Format	Color
Hex	D37CE9
RGB	211, 124, 233
RGB Percent	83%, 49%, 91%
CMY	0.1725, 0.5137, 0.0863
CMYK	0.09, 0.47, 0.00, 0.09
HSL	288°, 71%, 70%
HSV	288°, 47%, 91%
XYZ	48.7796, 34.1474, 81.1109
YIQ	162.4390, 16.8630, 52.3430

Conversions

Conversions Part 2

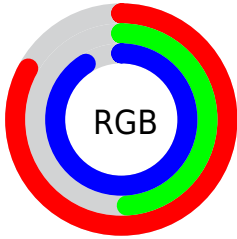
Format	Color
R _Y B	211, 124, 233
Decimal	13860073
CIE Lab	65.08, 50.84, -41.51
CIE LCh	65, 65.631, 320.767
Yxy	34.1474, 0.2974, 0.2082
Android (android.graphics.Color)	4292050153 (0xFFD37CE9)
YUV	162.4390, 34.7866, 42.5880
Hunter-Lab	58.4358, 46.7414, -41.3916

Details

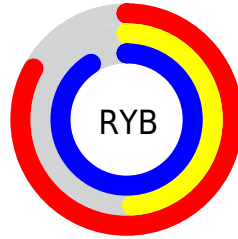
The Hex color **D37CE9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **92E97C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB3FF**, and **9A47B1** is the 20% darker color. If you saturate the color by 10%, you get **CE65E9**, and if you desaturate by 10%, it is **D893E9**.

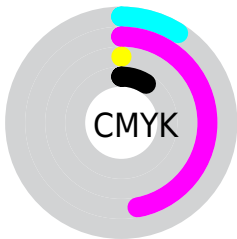
Distribution



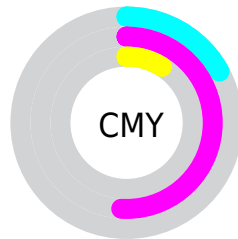
- Red (83%)
- Green (49%)
- Blue (91%)



- Red (83%)
- Yellow (49%)
- Blue (91%)



- Cyan (9%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color D37CE9 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 D37CE9 by changing the saturation by 10% instead.

 D37CE9

 D37CE9

FFFFFF

 B661CD

 FFB3FF

 9A47B1

 FFCFFF

 7F2D96

 FFECCF

 640D7C

 4A0062

 30004A

 170032

 00021C

 000000

 D37CE9

 D37CE9

 CE65E9

 D893E9

 CA4DE9

 DCABE9

 C536E9

 E1C2E9

 C01FE9

 E6D9E9

 BB08E9

 EBF1E9

 BA00E9

 EFFF E9

 F4FFE9

 F9FFE9

 FDFFE9

Harmonies

Analogous

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



7B96FF



D37CE9



FF67B3

Triad

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



D37CE9



CB951B



00BAC6

Complementary

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



D37CE9



92E97C

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.



00B989



D37CE9



94A720

Square

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



D37CE9



F37D43



49B34F



00B5F8

Rectangle

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



D37CE9



FF658B



49B34F



00BAB2

Sweetspot

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



D37CE9



F8DBFF



7C94E9



7B6A80



000000



808080

Same Dimension

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



D37CE9



E270FF



E97CCA



736A75



9100B5



2B0036

Inverse Universe

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



E97C92



FF708D



7CE99B



756A6C



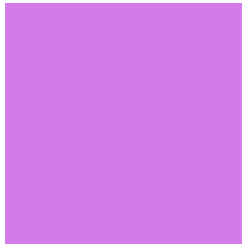
B50025



36000B

Previews

White Background



This preview shows how the Hex color D37CE9 looks on a white background.

Color Contrast Check

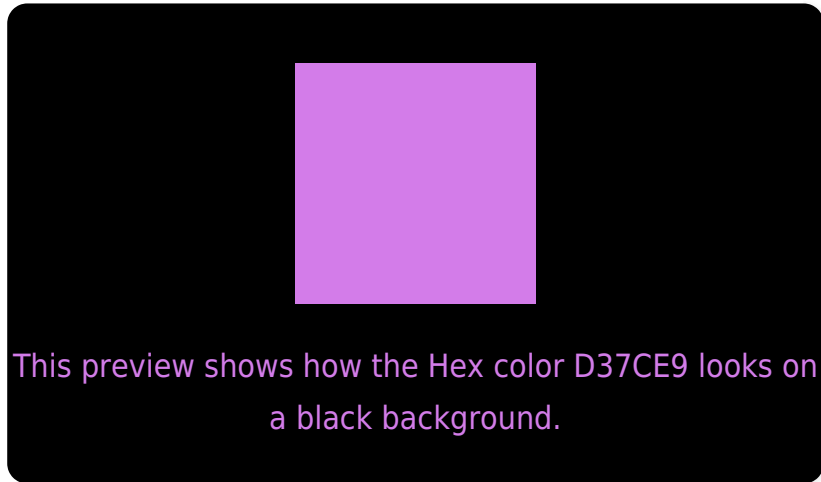
Large Text (above 18pt) WCAG AA × Fail

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

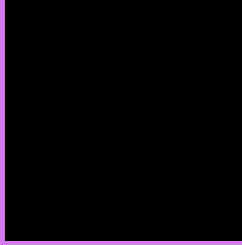
Any Text WCAG AA ✓ Pass

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 D37CE9 Background



This preview shows how black text looks on a background with the Hex color D37CE9.

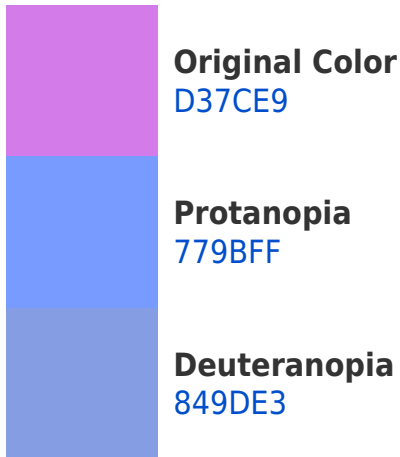


This preview shows how white text looks on a background with the Hex color D37CE9.

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](#).

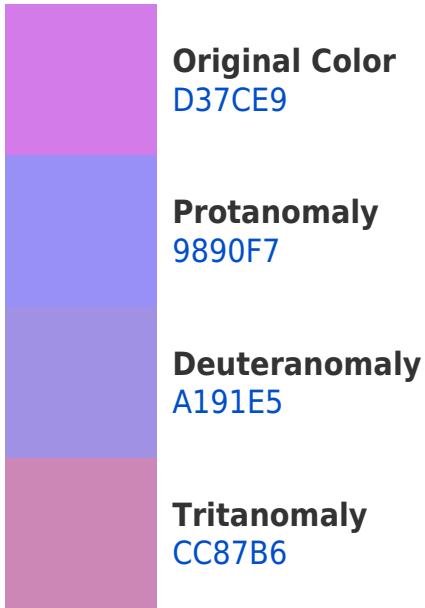
Dichromacy



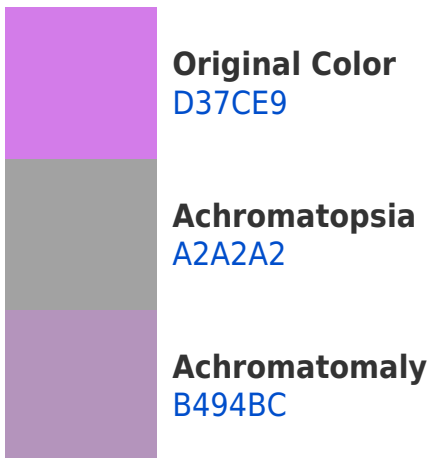


Tritanopia
C88E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D37CE9 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 #D37CE9 looks like.

```
.text, #text, p{  
  color:#D37CE9  
}
```

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 #D37CE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D37CE9
}
```

Border

The CSS property to change the border of an element to Hex D37CE9 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
#D37CE9 }
```

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

```
.border{ border-color:#D37CE9 }
```

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

Here you see how a box with a 4 pixel #D37CE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D37CE9; -webkit-box-shadow:4px 4px  
4px 4px #D37CE9; box-shadow:4px 4px 4px  
4px #D37CE9 }
```

Background

The CSS property to change the background color of an element to Hex D37CE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D37CE9 }
```

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

```
.background{ background-color:#D37CE9 }
```

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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