

Converting Colors

Hex(D037D0)

Have a look what the booklet for
Hex(D037D0) contains.

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Color

Hex(**D037D0**)

Conversions

Conversions Part 1

Format	Color
Hex	D037D0
RGB	208, 55, 208
RGB Percent	82%, 22%, 82%
CMY	0.1843, 0.7843, 0.1843
CMYK	0.00, 0.74, 0.00, 0.18
HSL	300°, 62%, 52%
HSV	300°, 74%, 82%
XYZ	38.7638, 20.6963, 61.6262
YIQ	118.1890, 42.0750, 80.0190

Conversions

Conversions Part 2

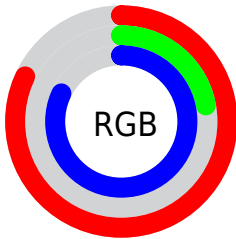
Format	Color
RYB	208, 55, 208
Decimal	13645776
CIELab	52.62, 75.04, -47.13
CIElCh	53, 88.613, 327.865
Yxy	20.6963, 0.3201, 0.1709
Android (android.graphics.Color)	4291835856 (0xFFD037D0)
YUV	118.1890, 44.2768, 78.7642
Hunter-Lab	45.4932, 72.4828, -48.4704

Details

The Hex color **D037D0** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **37D037**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF75FF**, and **950099** is the 20% darker color. If you saturate the color by 10%, you get **D022D0**, and if you desaturate by 10%, it is **D04CD0**.

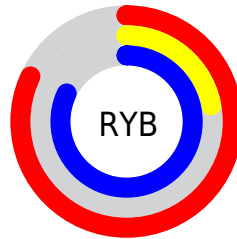
Distribution



Red (82%)

Green (22%)

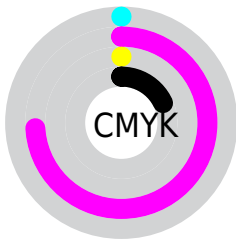
Blue (82%)



Red (82%)

Yellow (22%)

Blue (82%)

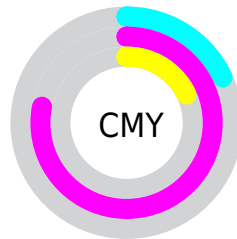


Cyan (0%)

Magenta (74%)

Yellow (0%)

Black (18%)



Cyan (18%)

Magenta (78%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color D037D0 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 D037D0 by changing the saturation by 10% instead.

 D037D0

 D037D0

FFFFFF

 B204B4

 FF75FF

 950099

 FF92FF

 79007E

 FFB0FF

 5D0065

 FFCDFD

 42004C

 FFE8FF

 250034

 00021E

 000000

 D037D0

 D037D0

 D022D0

 D04CD0

 D00DD0

 D061D0

 D000D0

 D075D0

 D08AD0

 D09FD0

 D0B4D0

 D0C9D0

 D0DDD0

 D0F2D0

Harmonies

Analogous

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



5D6CFF



D037D0



FA0087

Triad

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



D037D0



9E7900



009DC3

Complementary

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



D037D0



37D037

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.



009C76



D037D0



518D00

Square

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



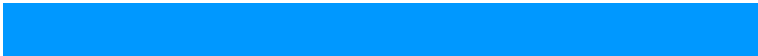
D037D0



D65500



009720



0098FF

Rectangle

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



D037D0



FD0055



009720



009DAB

Sweetspot

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



D037D0



FFC7FF



3737D0



805E80



000000



808080

Same Dimension

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



D037D0



FF1FFF



D03784



695E69



A800A8



290029

Inverse Universe

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



D037D0



FF1FFF



37D084



695E69



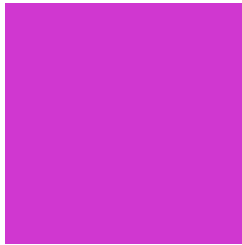
A800A8



290029

Previews

White Background



This preview shows how the Hex color D037D0 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

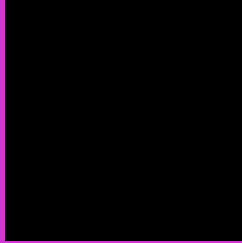
Any Text WCAG AA ✓ Pass

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 D037D0 Background



This preview shows how black text looks on a background with the Hex color D037D0.

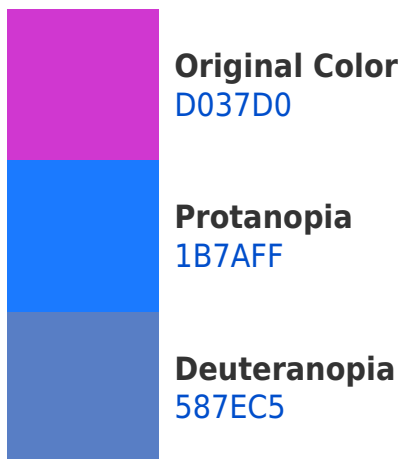


This preview shows how white text looks on a background with the Hex color D037D0.

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](#).

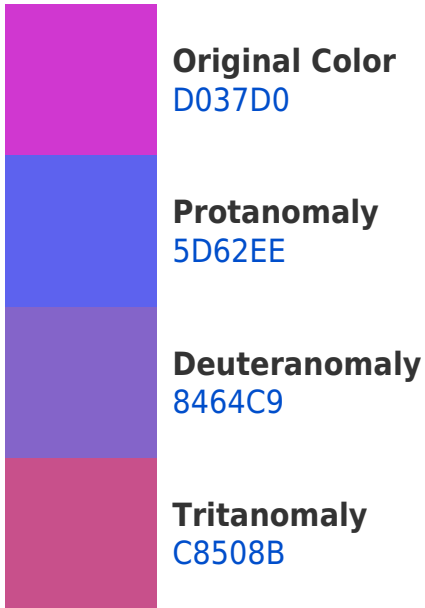
Dichromacy



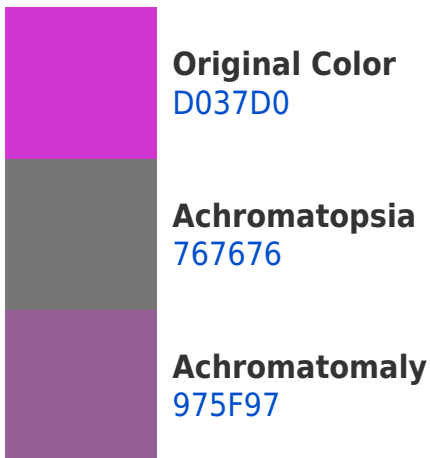


Tritanopia
C45E64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D037D0 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 #D037D0 looks like.

```
.text, #text, p{  
    color:#D037D0  
}
```

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 #D037D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D037D0
}
```

Border

The CSS property to change the border of an element to Hex D037D0 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
#D037D0 }
```

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

```
.border{ border-color:#D037D0 }
```

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

Here you see how a box with a 4 pixel #D037D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D037D0; -webkit-box-shadow:4px 4px  
4px 4px #D037D0; box-shadow:4px 4px 4px  
4px #D037D0 }
```

Background

The CSS property to change the background color of an element to Hex D037D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D037D0 }
```

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

```
.background{ background-color:#D037D0 }
```

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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