

# Converting Colors

Hex(D400D3)

Have a look what the booklet for  
Hex(D400D3) contains.

|  |    |
|--|----|
| <b>Hex(D400D3)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(D400D3)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D400D3                     |
| RGB           | 212, 0, 211                |
| RGB Percent   | 83%, 0%, 83%               |
| CMY           | 0.1686, 1.0000, 0.1725     |
| CMYK          | 0.00, 1.00, 0.00, 0.17     |
| HSL           | 300°, 100%, 42%            |
| HSV           | 300°, 100%, 83%            |
| XYZ           | 38.9092, 18.7002, 63.1868  |
| YIQ           | 87.4420, 58.6210, 110.5650 |

# Conversions

## Conversions Part 2

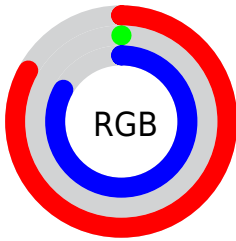
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 212, 0, 211                   |
| Decimal                             | 13893843                      |
| CIE <sub>Lab</sub>                  | 50.33, 85.33, -52.45          |
| CIE <sub>LCh</sub>                  | 50, 100.164, 328.422          |
| Yxy                                 | 18.7002, 0.3221,<br>0.1548    |
| Android<br>(android.graphics.Color) | 4292083923<br>(0xFFD400D3)    |
| YUV                                 | 87.4420, 60.9141,<br>109.2374 |
| Hunter-Lab                          | 43.2437, 84.9318,<br>-56.3626 |

# Details

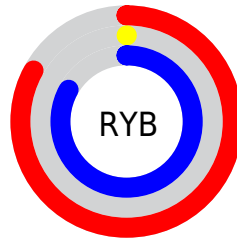
The Hex color **D400D3** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **00D401**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5FFF**, and **98009C** is the 20% darker color. If you saturate the color by 10%, you get **D400D3**, and if you desaturate by 10%, it is **D415D3**.

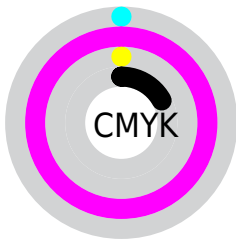
# Distribution



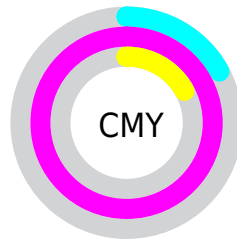
- Red (83%)
- Green (0%)
- Blue (83%)



- Red (83%)
- Yellow (0%)
- Blue (83%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D400D3 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 D400D3 by changing the saturation by 10% instead.



 D400D3

 D400D3

FFFFFF

 B600B7

 FF5FFF

 98009C

 FF7EFF

 7B0081

 FF9DFF

 5E0067

 FFBBFF

 43004E

 FFD9FF

 240036

 FFF7FF

 000120

 000003

 000000

 D400D3

 D415D3

 D42AD3

 D440D3

 D455D3

 D46AD4

 D47FD4

 D494D4

 D4AAD4

 D4BFD4

# Harmonies

## Analogous

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



4863FF



D400D3



FF0080

# Triad

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



D400D3



967400



0099C8

# Complementary

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



D400D3



00D401

# 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.



009771



D400D3



3C8900

# Square

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



D400D3



D54800



009300



0095FF

# Rectangle

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



D400D3



FF0049



009300



0099AC



# Sweetspot

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



D400D3



FFB3FF



0000D4



80527F



000000



808080



# Same Dimension

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



D400D3



FF00FE



D4006A



6B606B



AB00AA



2B002B



# Inverse Universe

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



D400D3



FF00FE



00D46A



6B606B



AB00AA



2B002B



# Previews

## White Background



This preview shows how the Hex color D400D3 looks on a white background.

## Color Contrast Check

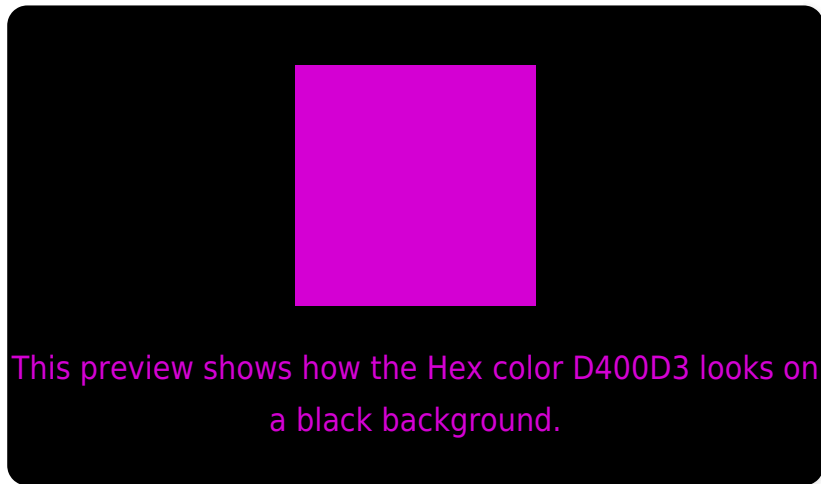
Large Text (above 18pt) WCAG AA ✓ Pass

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

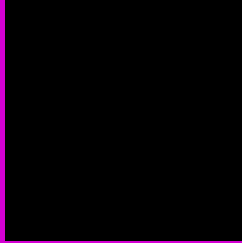
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D400D3 Background



This preview shows how black text looks on a background with the Hex color D400D3.



This preview shows how white text looks on a background with the Hex color D400D3.

# 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**  
C75358

# Trichromacy



**Original Color**  
D400D3



**Protanomaly**  
4D4AEB



**Deuteranomaly**  
7C4ECB



**Tritanomaly**  
CC3585

# Monochromacy



**Original Color**  
D400D3



**Achromatopsia**  
575757



**Achromatomaly**  
843784

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D400D3 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 #D400D3 looks like.

```
.text, #text, p{  
    color:#D400D3  
}
```

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 #D400D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D400D3
}
```

## Border

The CSS property to change the border of an element to Hex D400D3 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
#D400D3 }
```

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

```
.border{ border-color:#D400D3 }
```

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

Here you see how a box with a 4 pixel #D400D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D400D3; -webkit-box-shadow:4px 4px  
4px 4px #D400D3; box-shadow:4px 4px 4px  
4px #D400D3 }
```

# Background

The CSS property to change the background color of an element to Hex D400D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D400D3 }
```

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

```
.background{ background-color:#D400D3 }
```

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